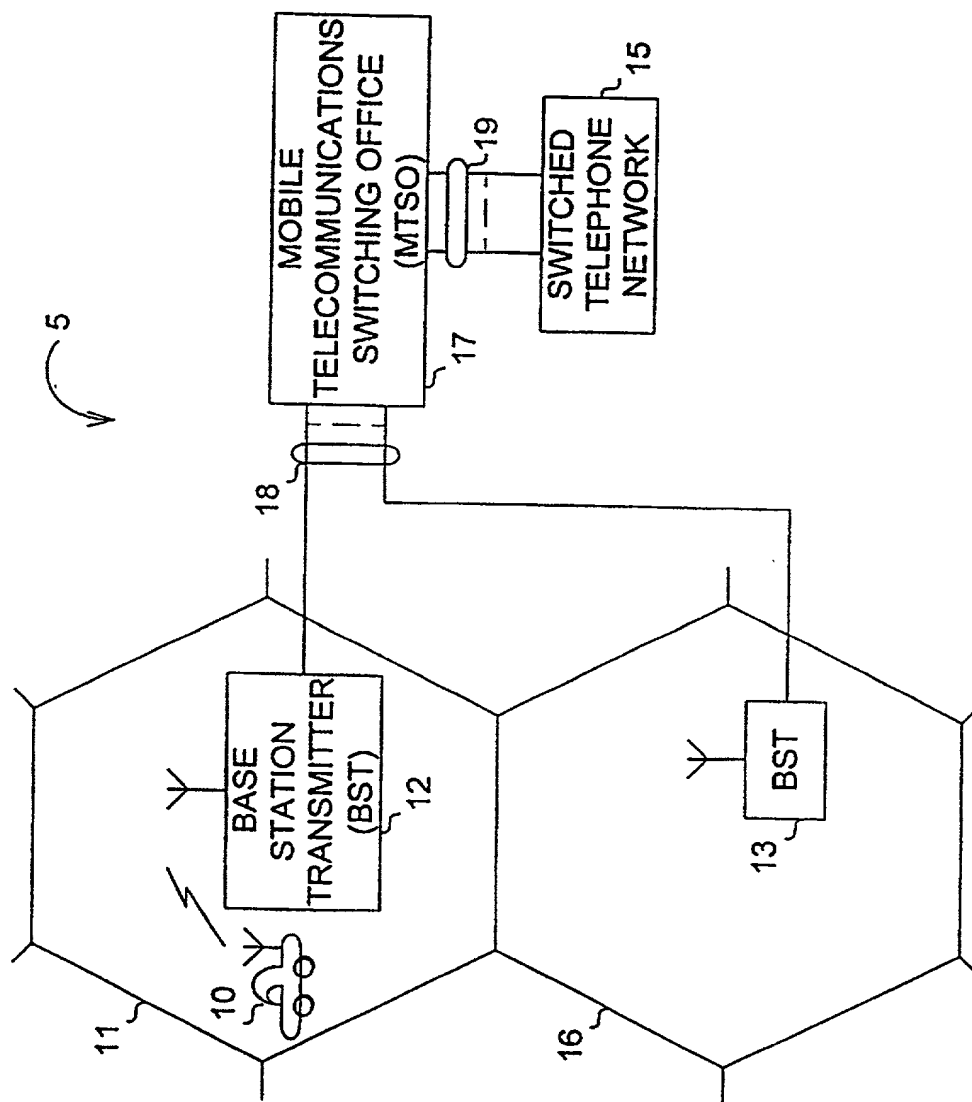


*Figure 1A*  
*Prior Art*



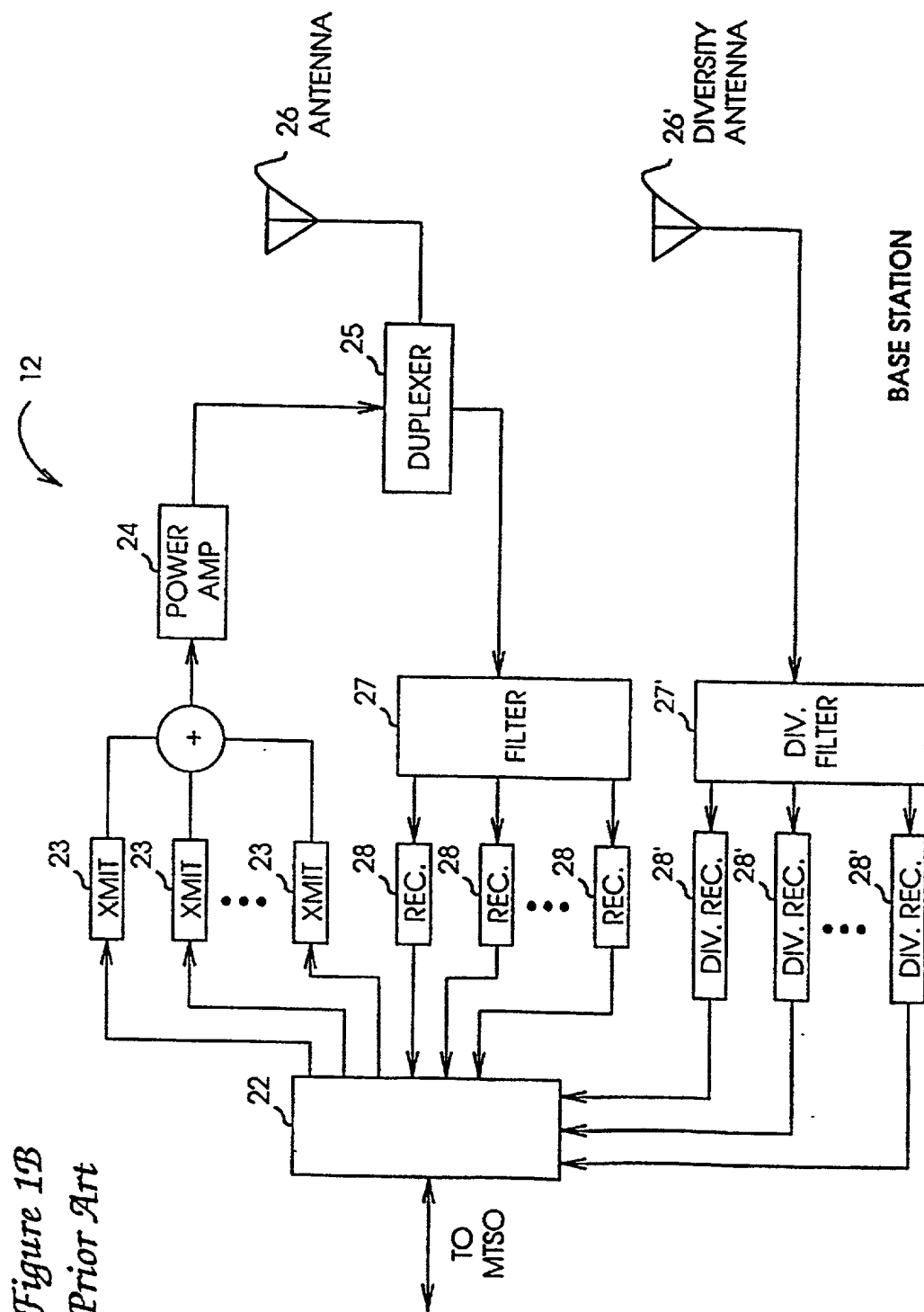


Figure 1C  
Prior Art

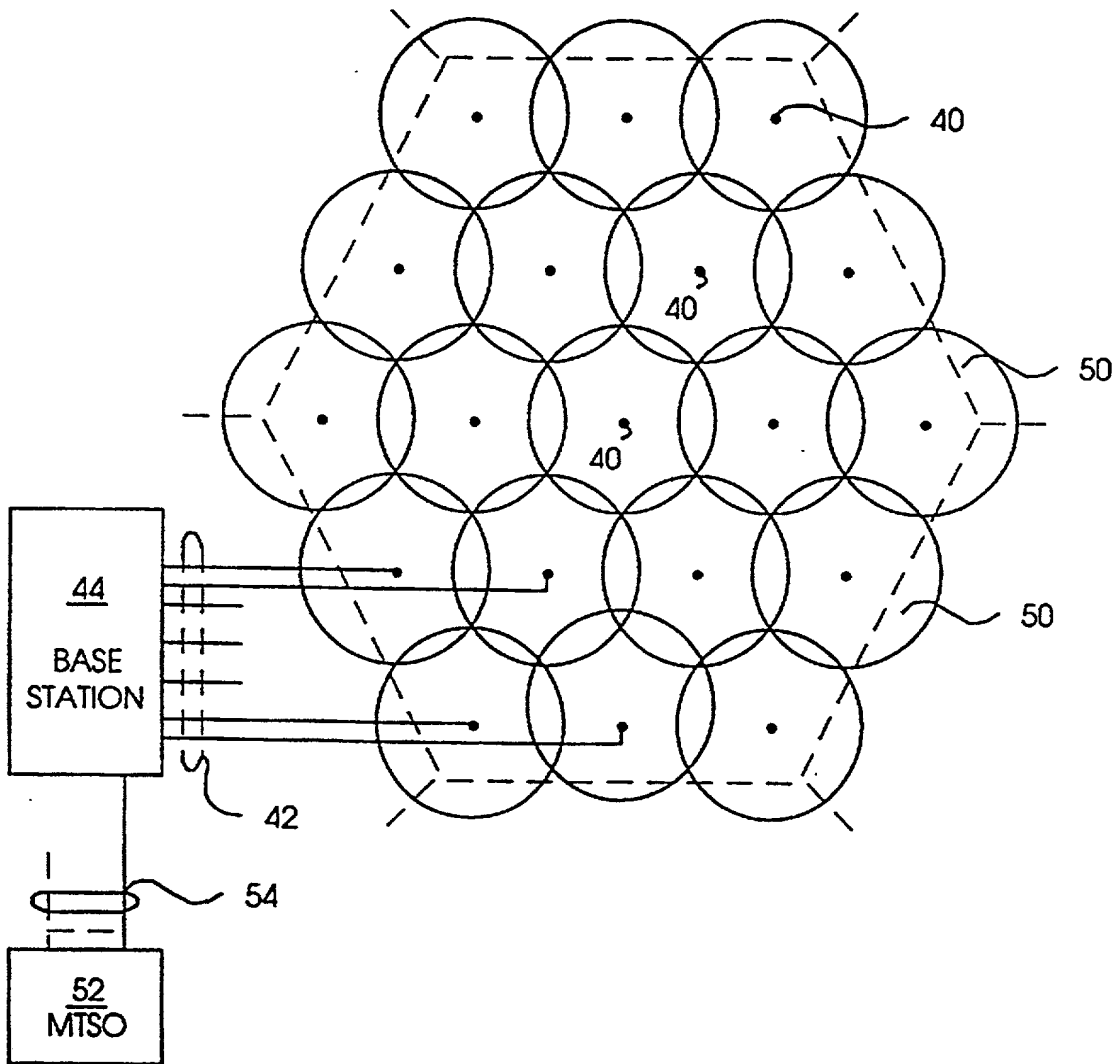


Figure 2

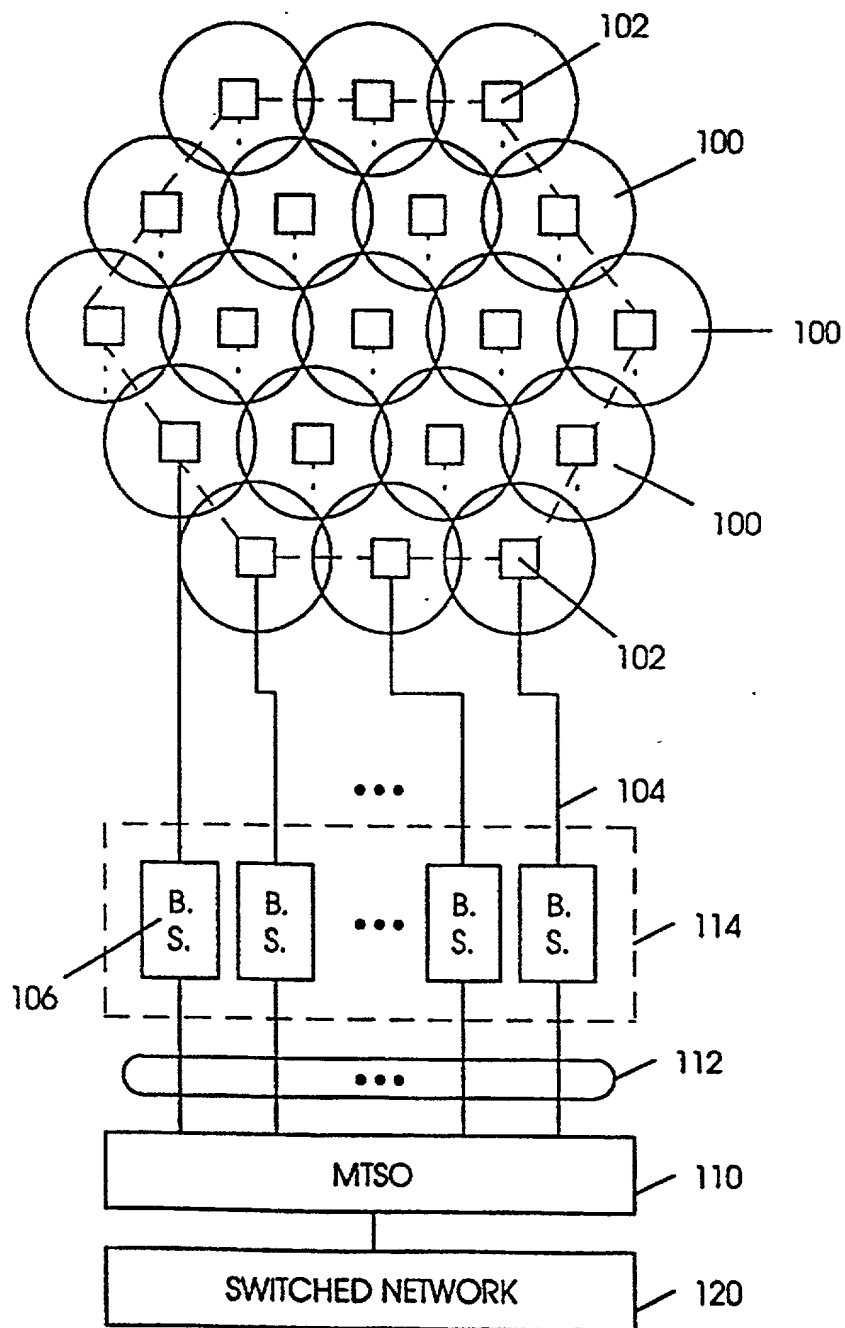
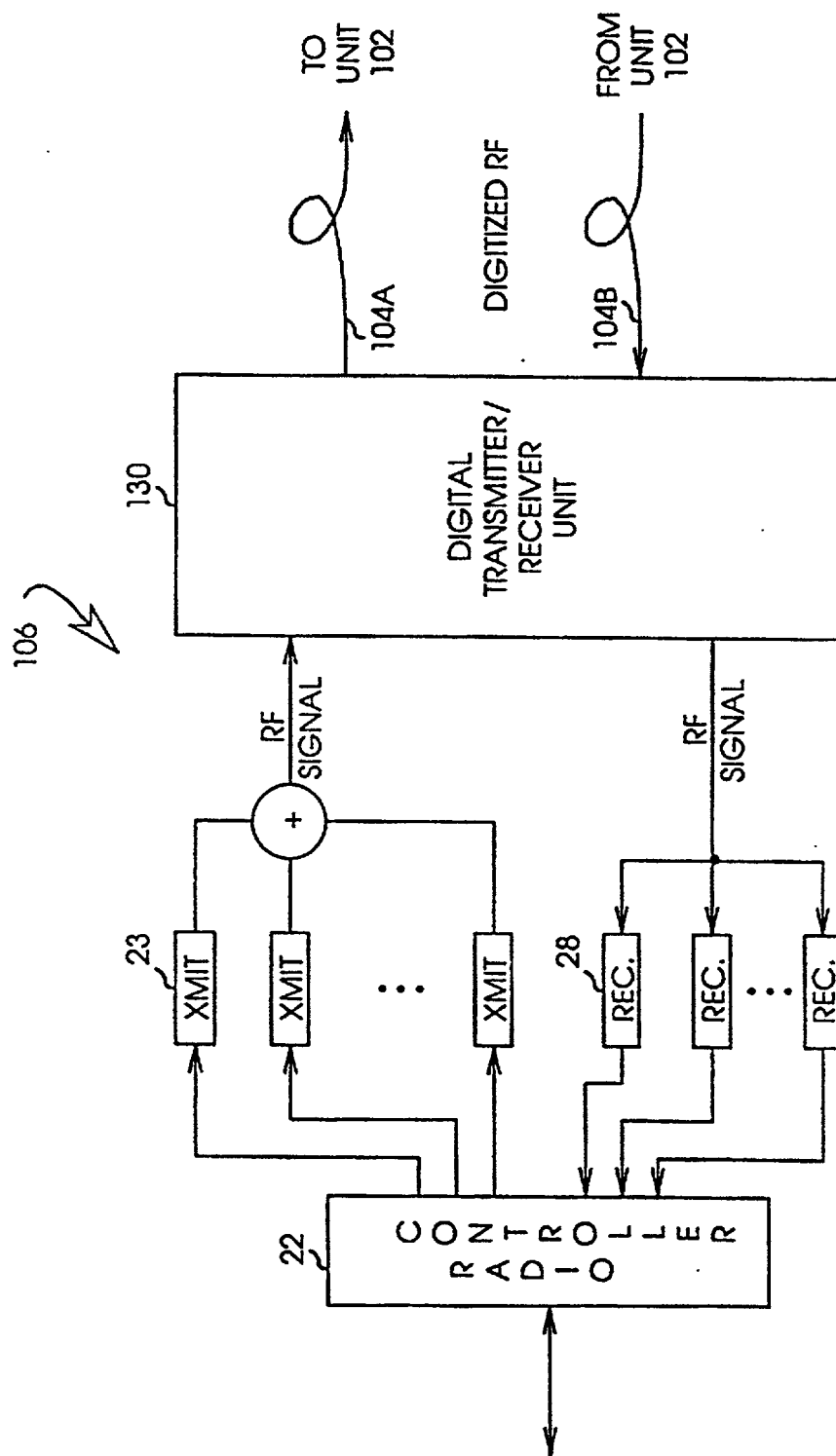
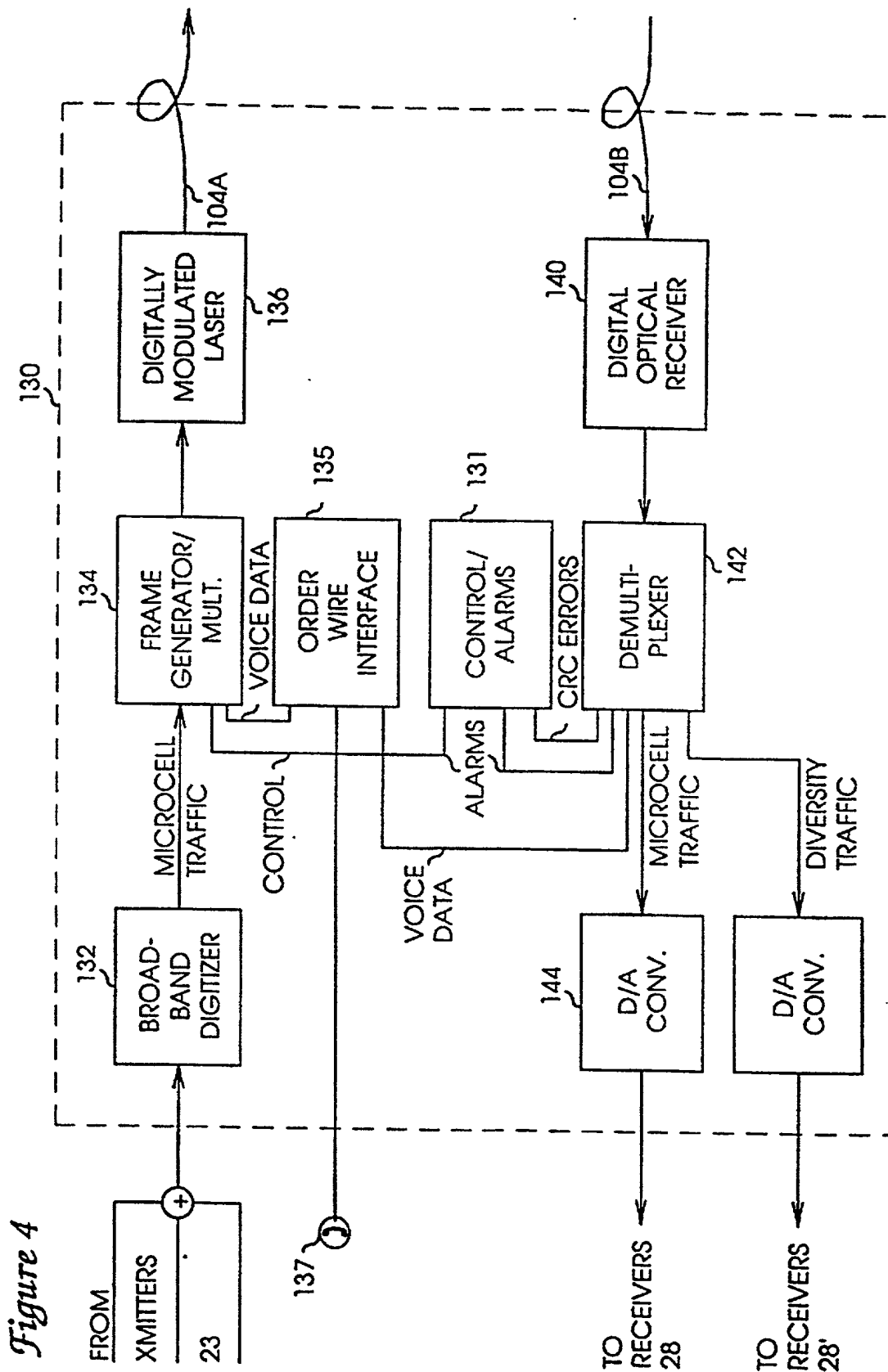
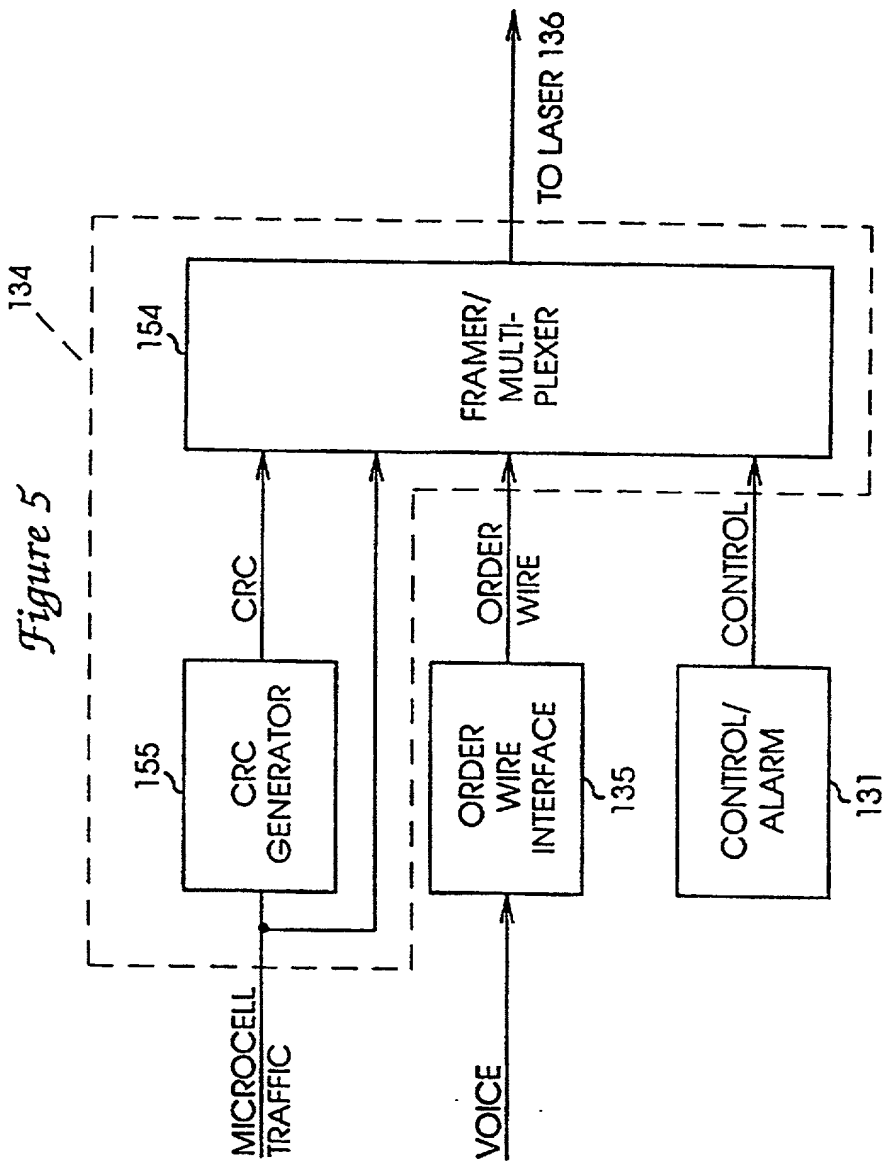
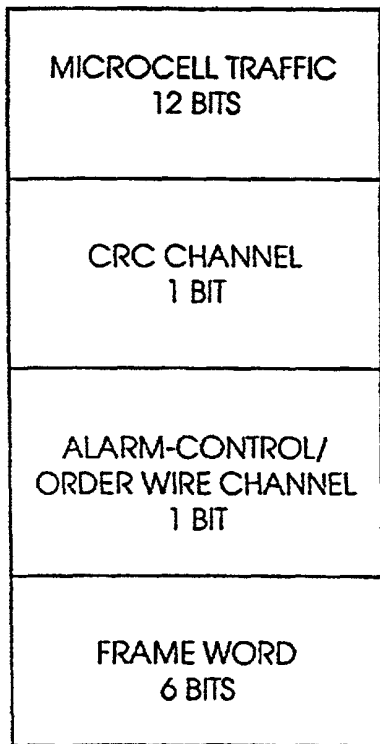
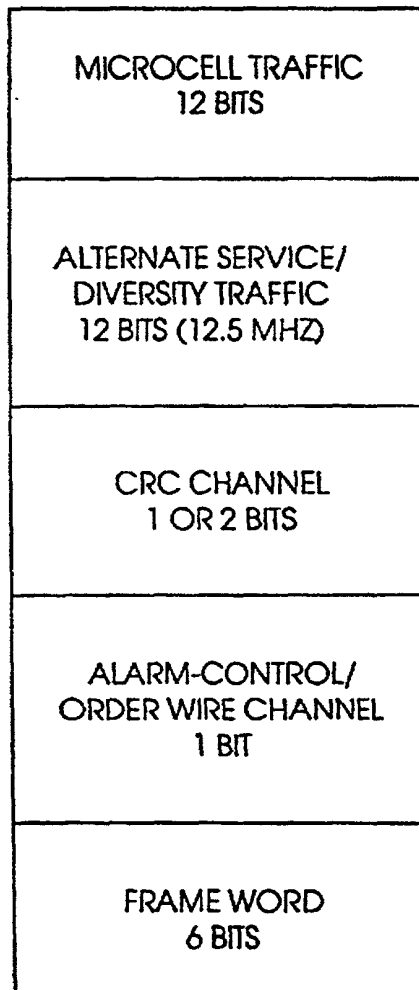


Figure 3







*Figure 6**Figure 7*



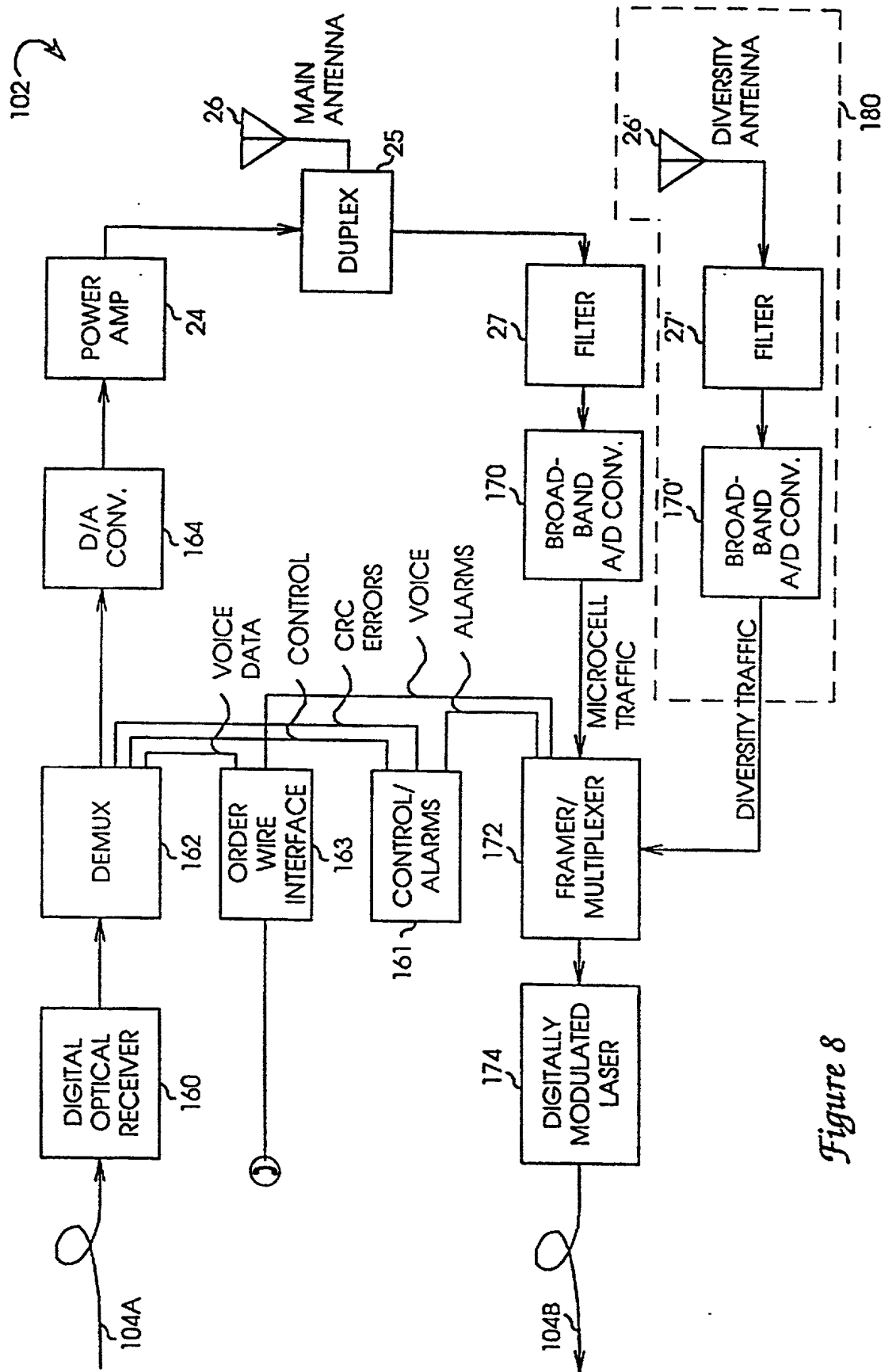
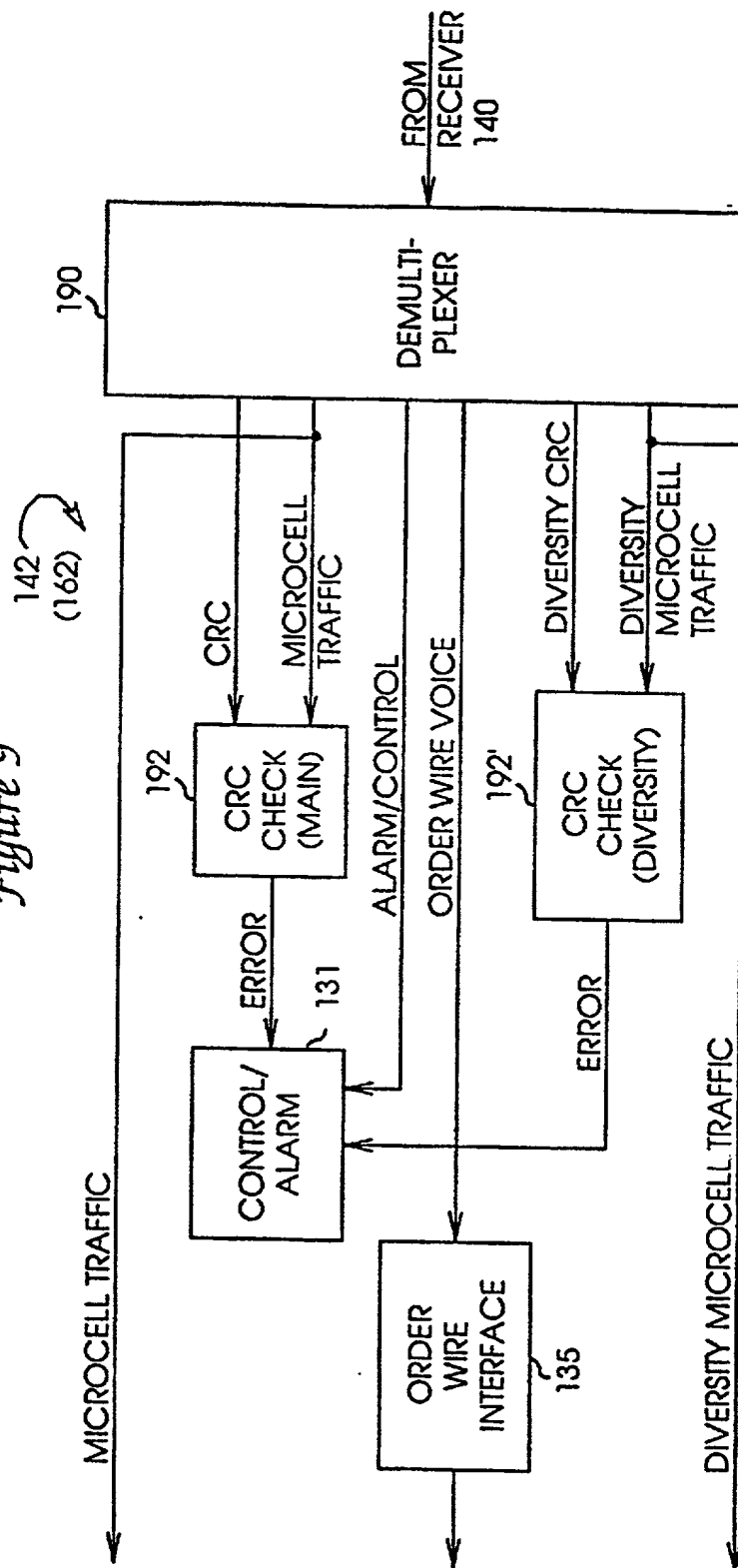


Figure 8

Figure 9



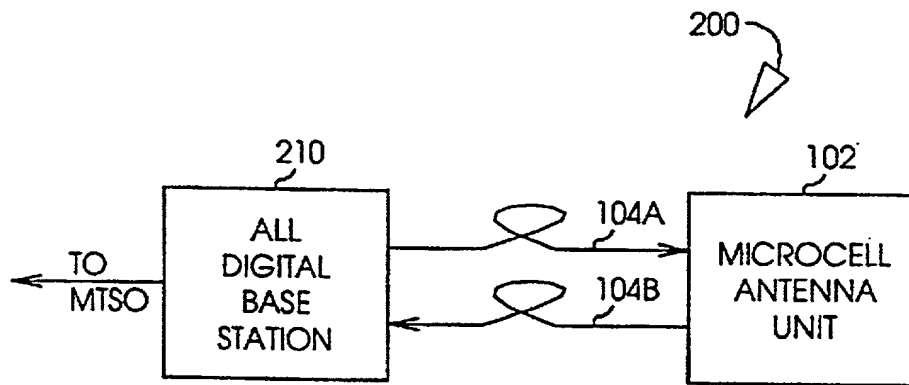
*Figure 10*

Figure 11A

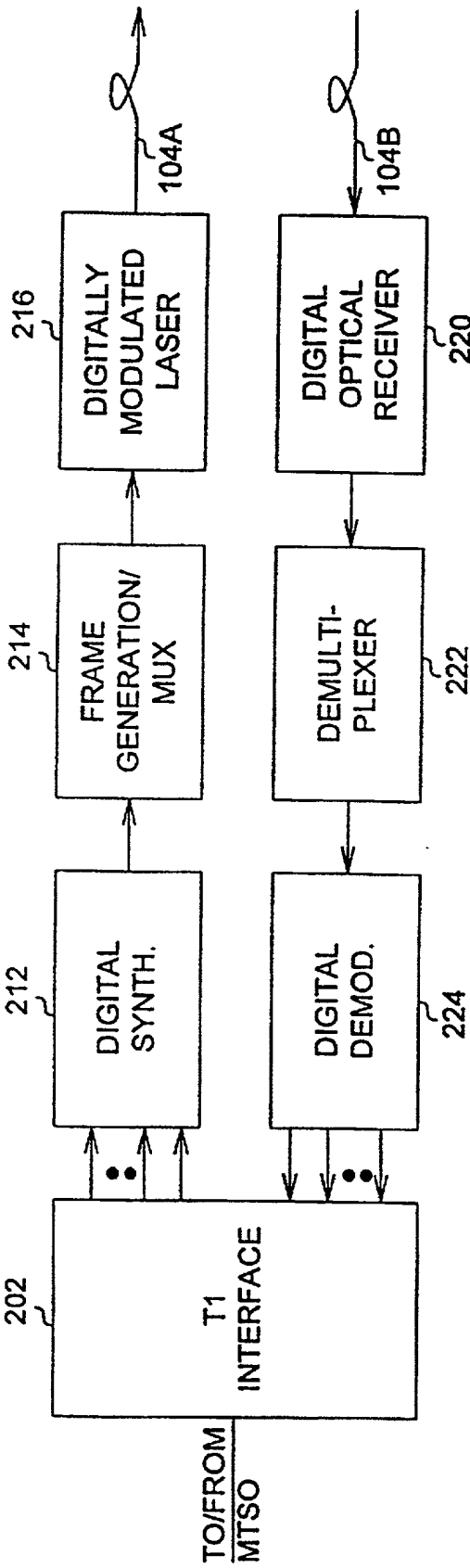


Figure 11B

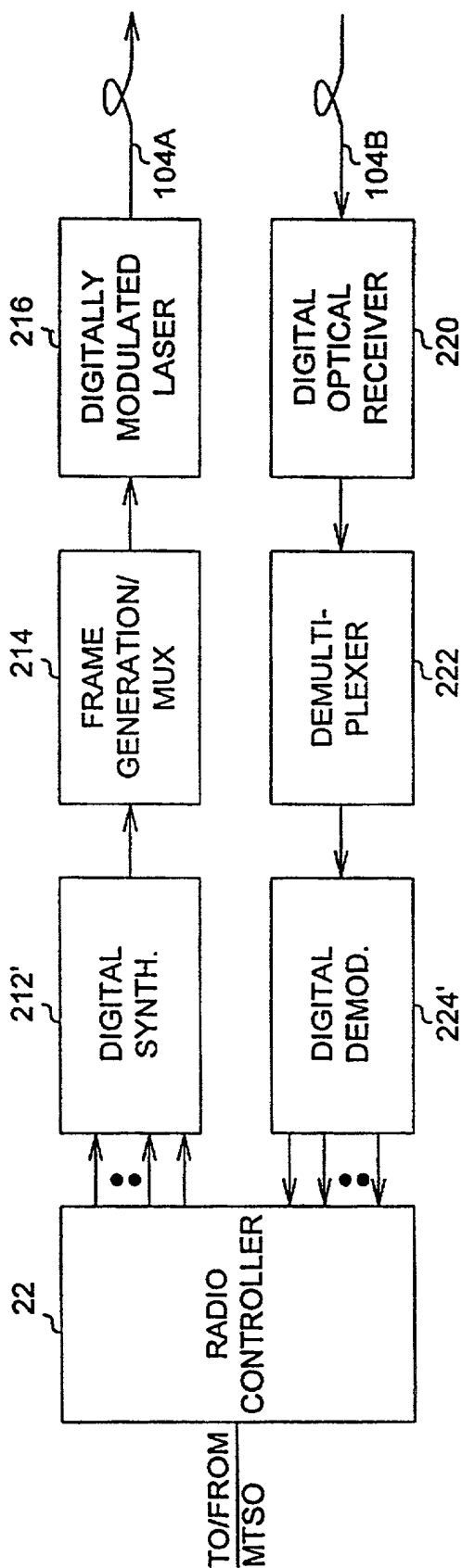


Figure 11C

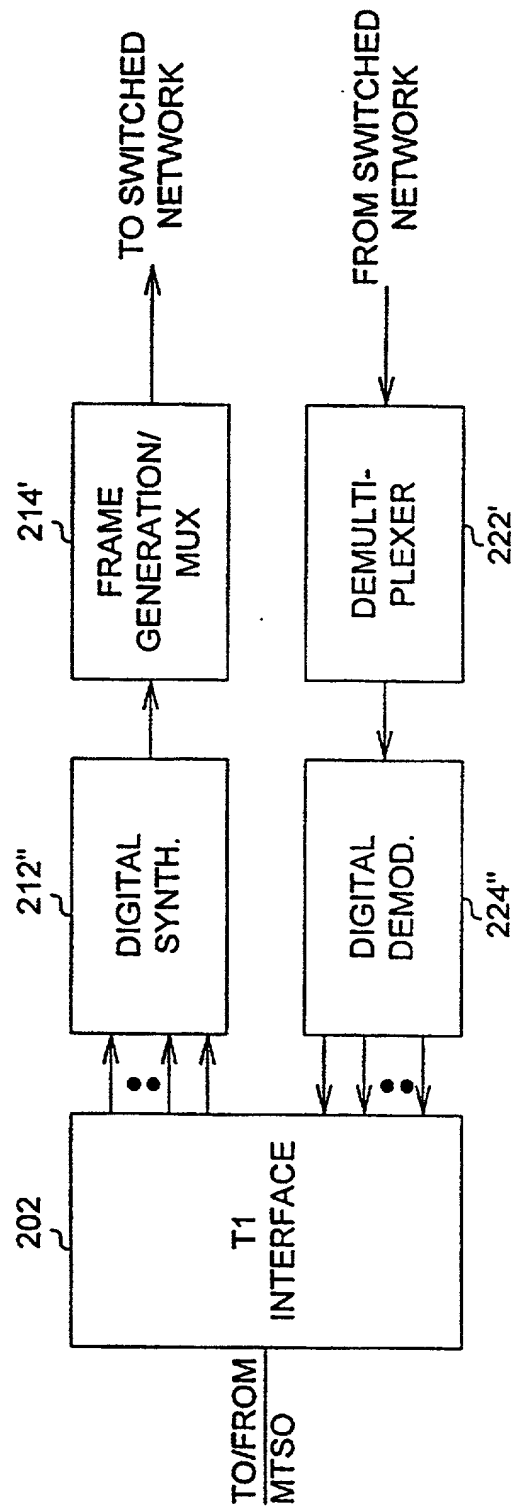


Figure 11D

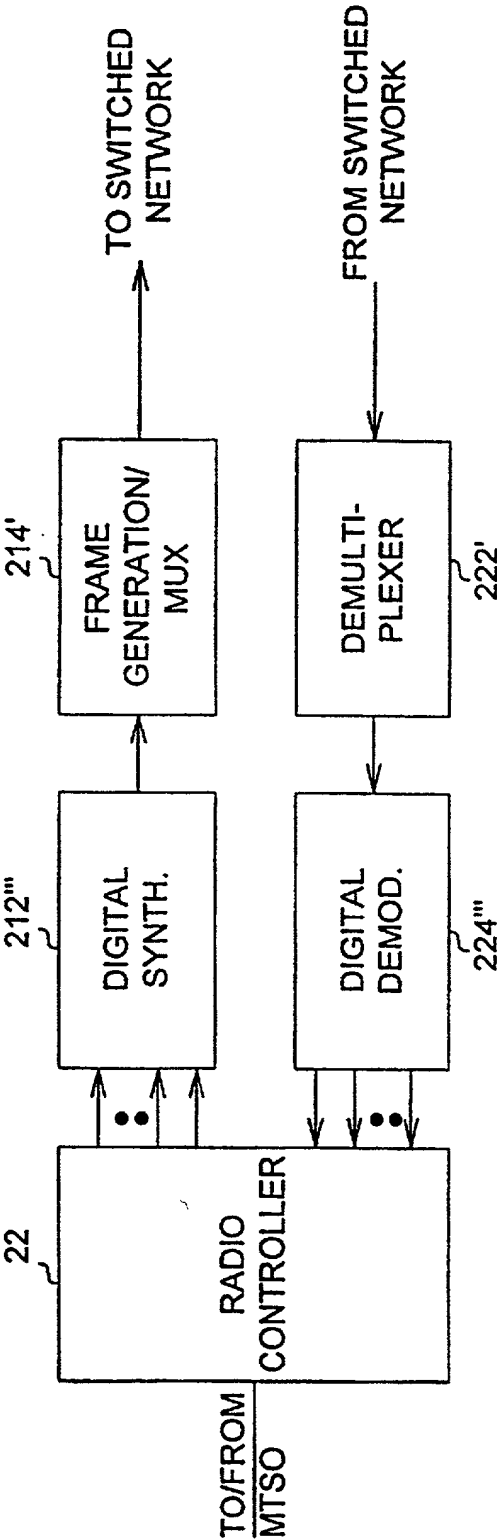
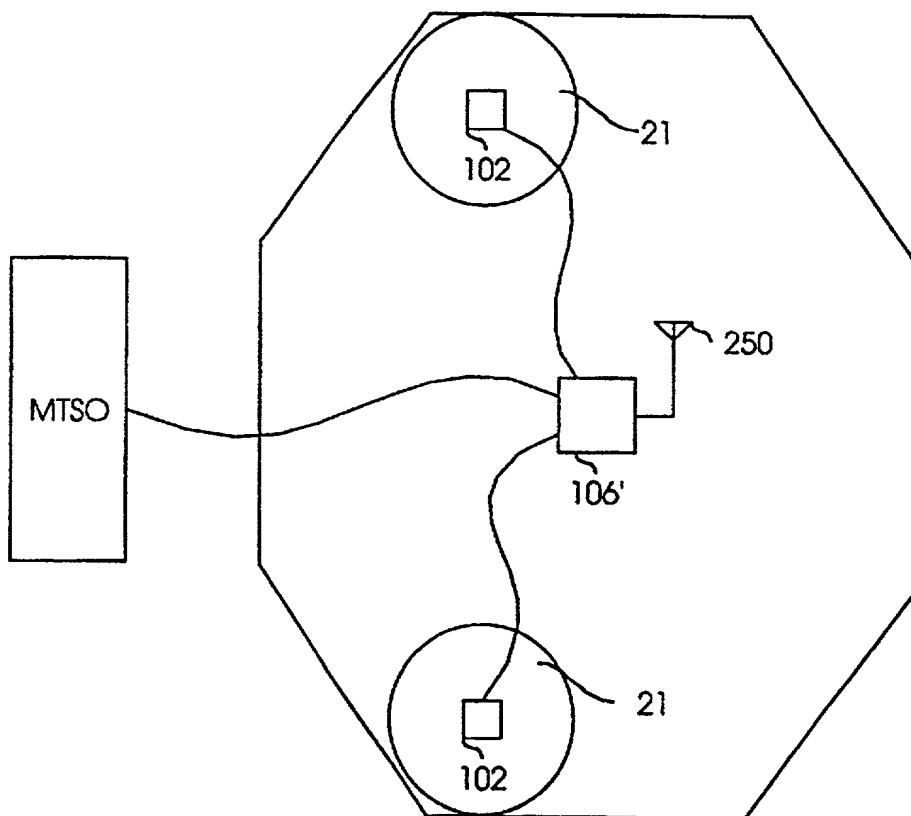


Figure 12





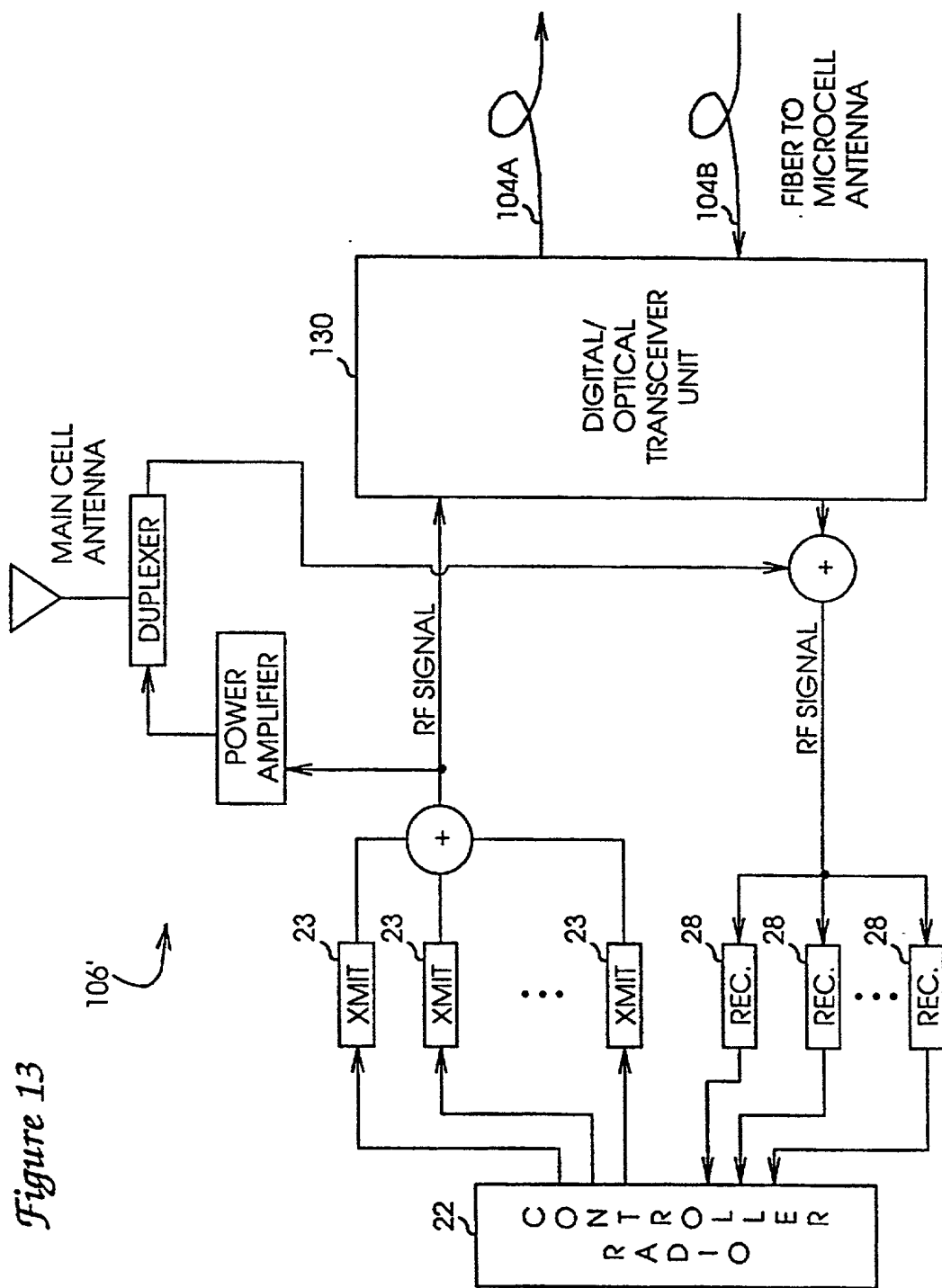
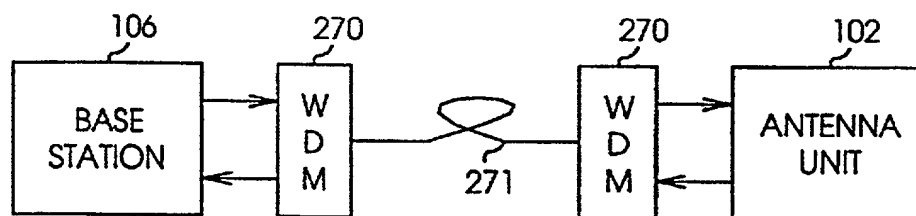
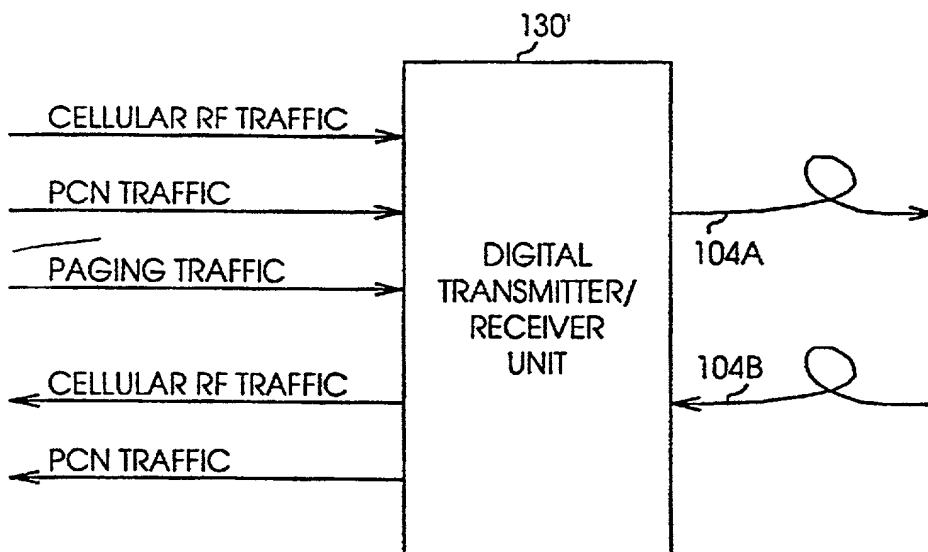
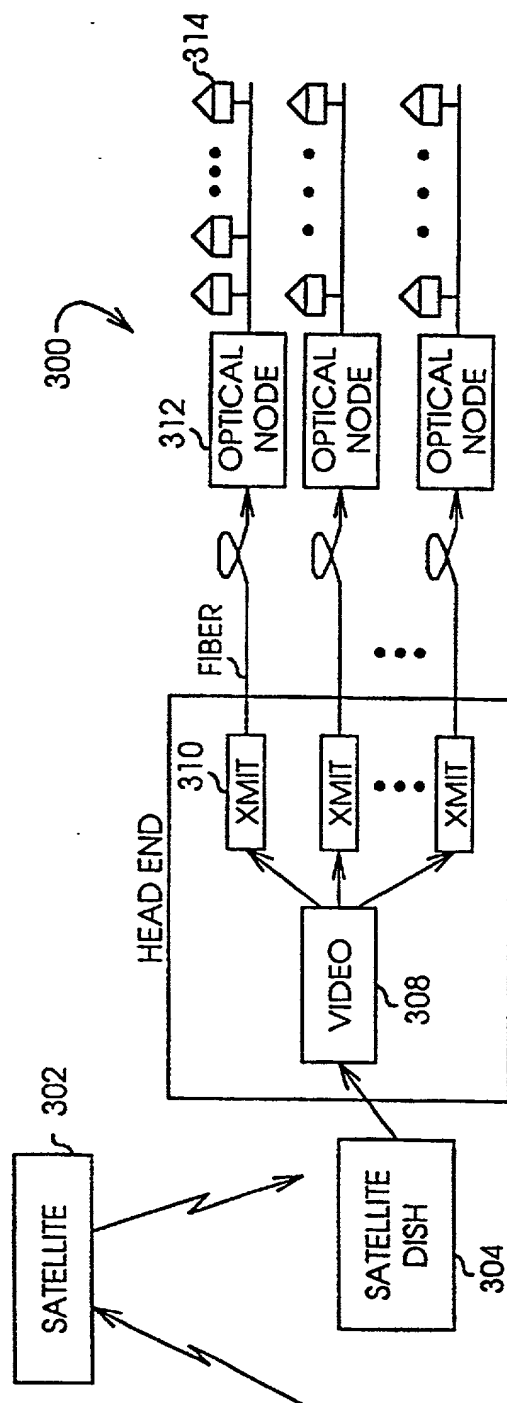


Figure 13

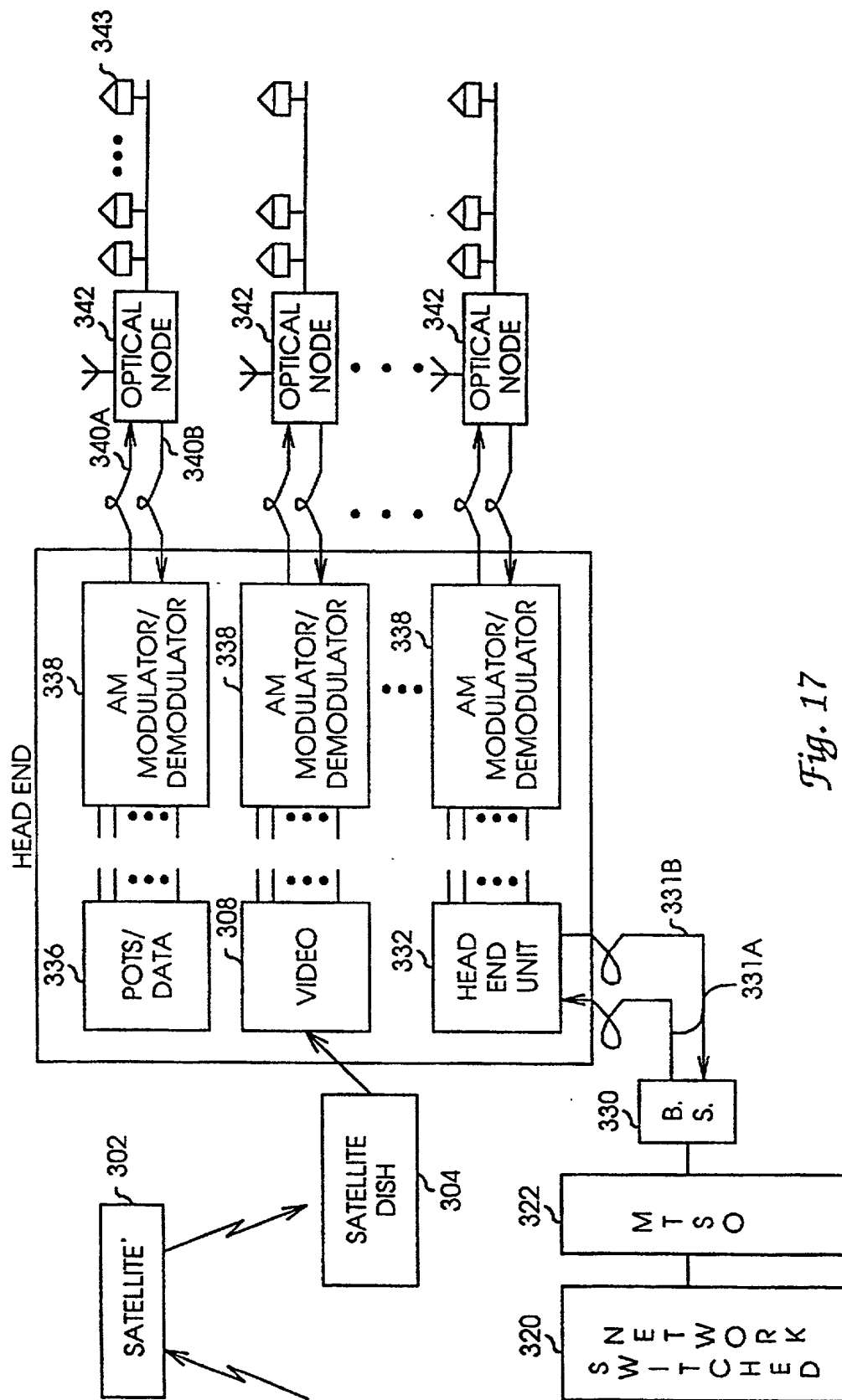
*Figure 14*

*Figure 15*

*Prior Art*  
*Cable System*



*Fig. 16*



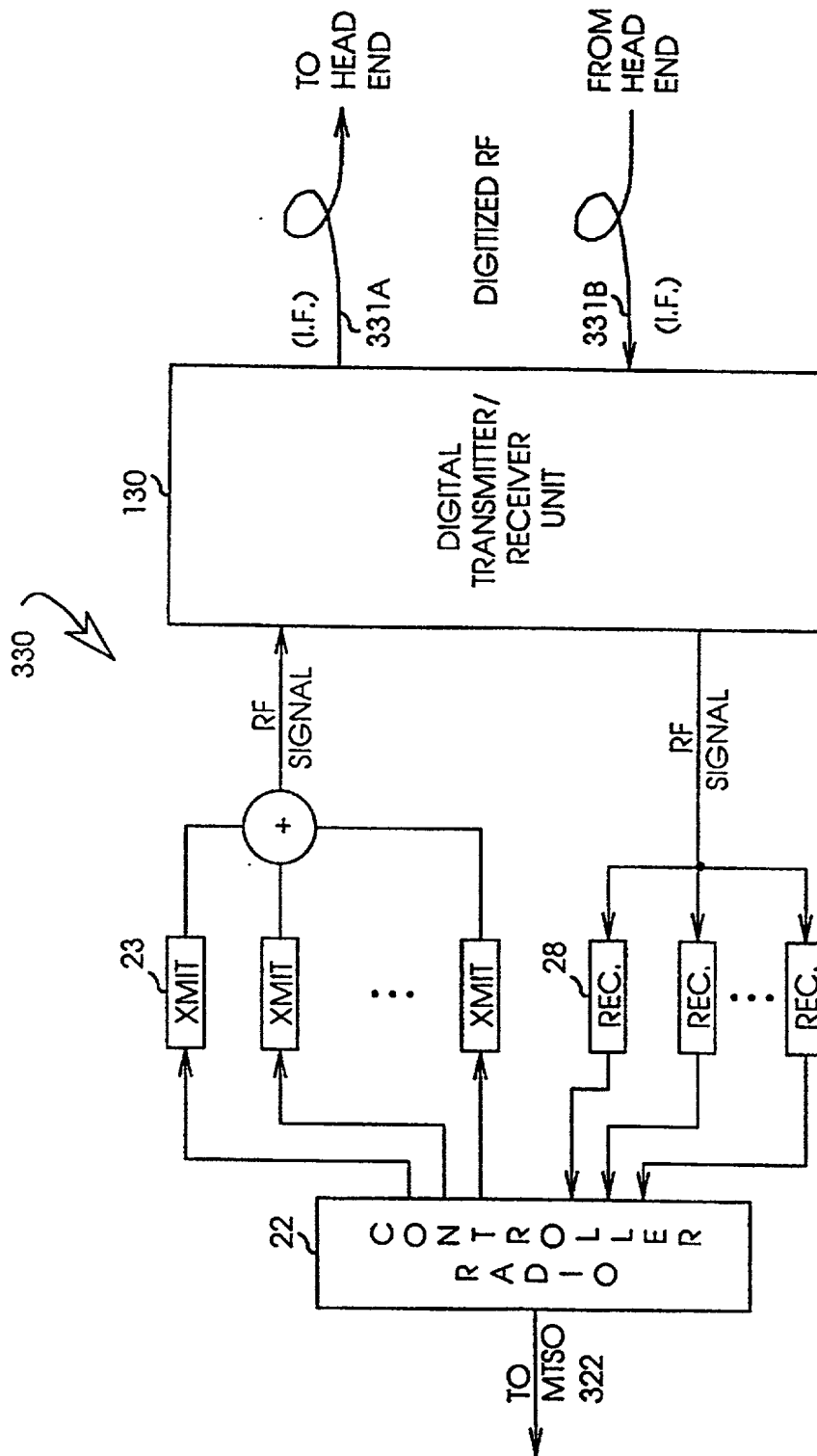


Fig. 18

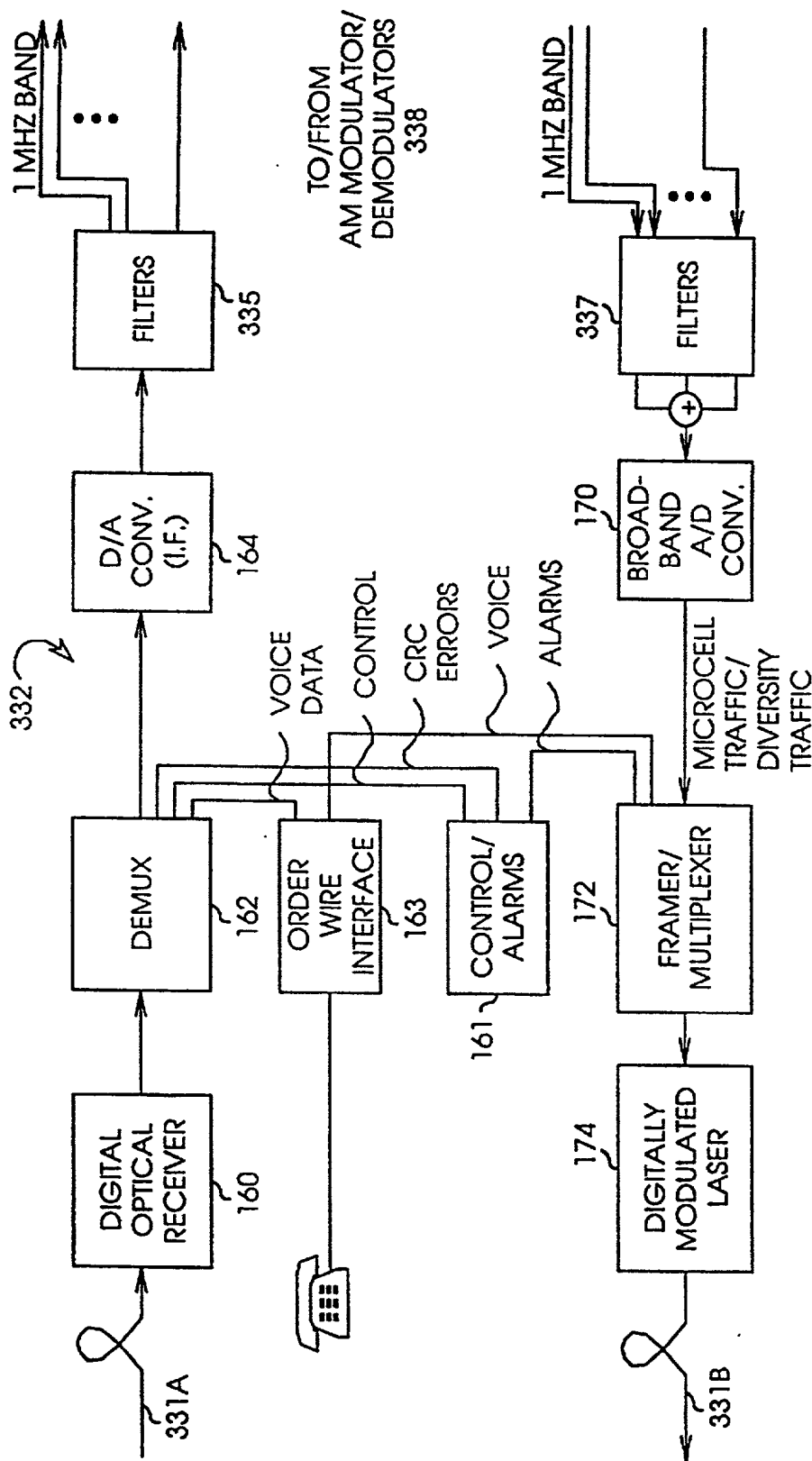
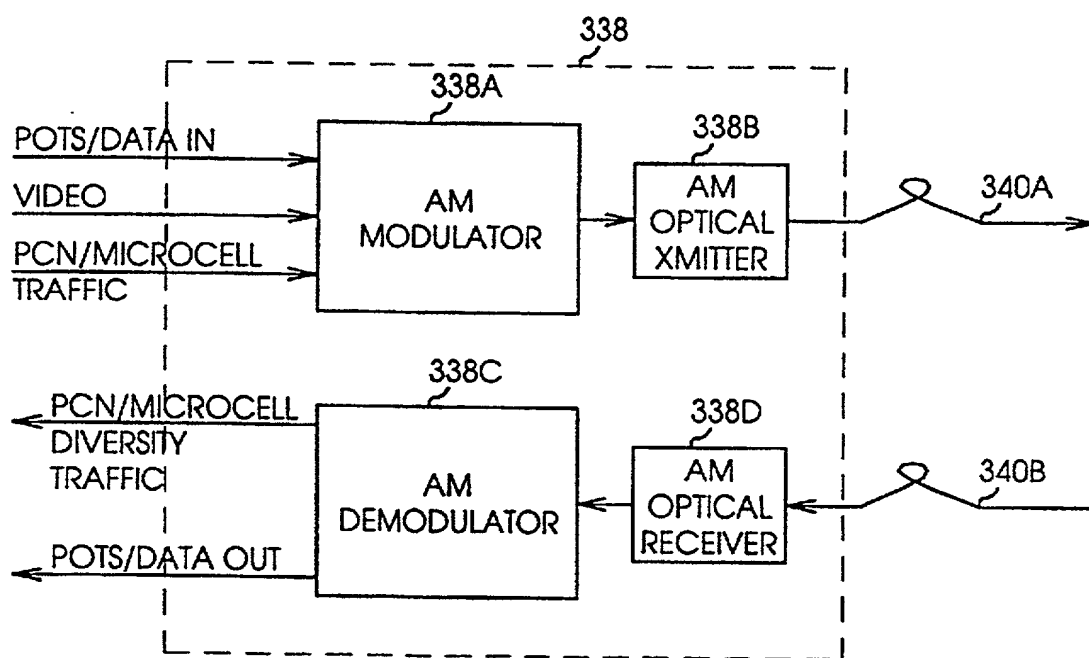


Fig. 19

*Fig. 20*



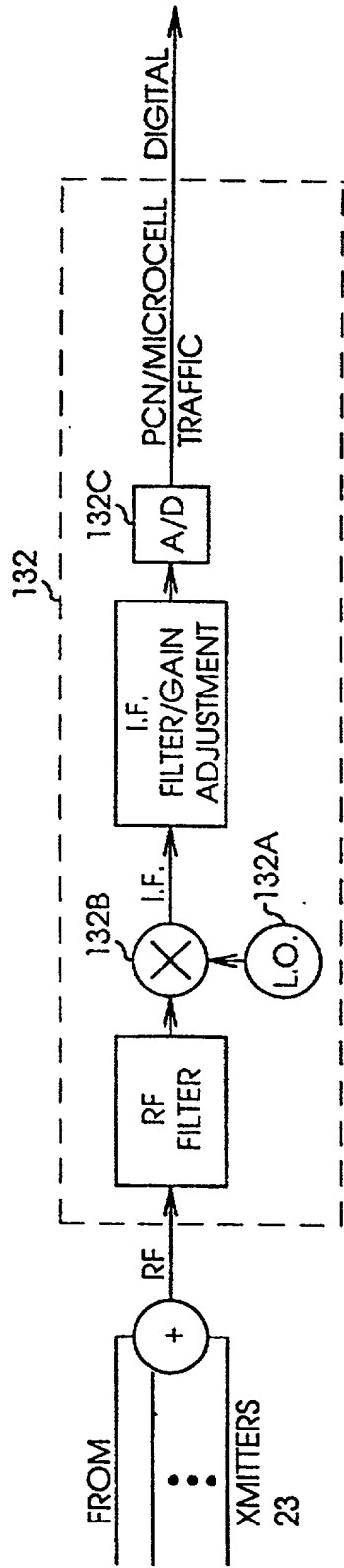


Fig. 21A

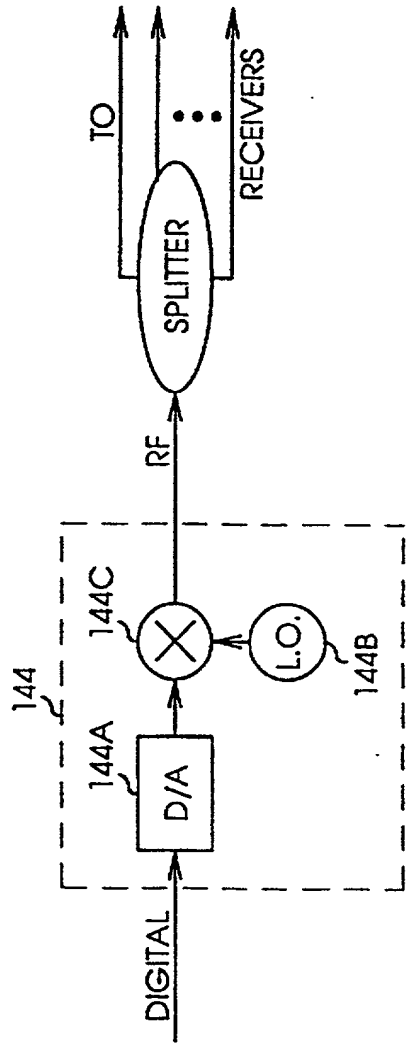
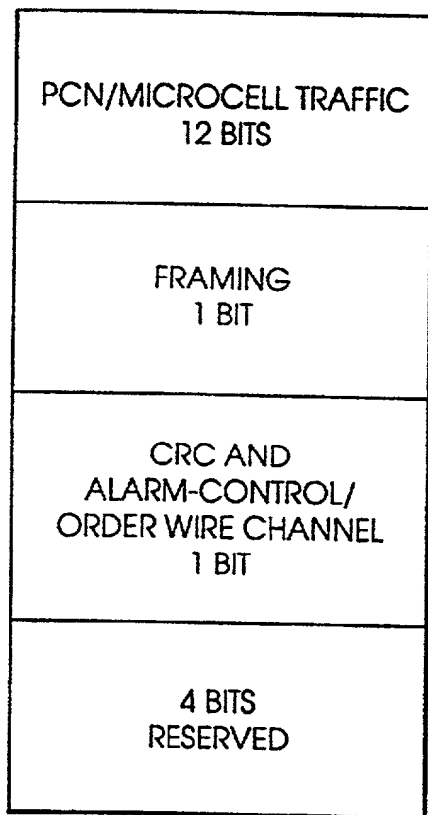
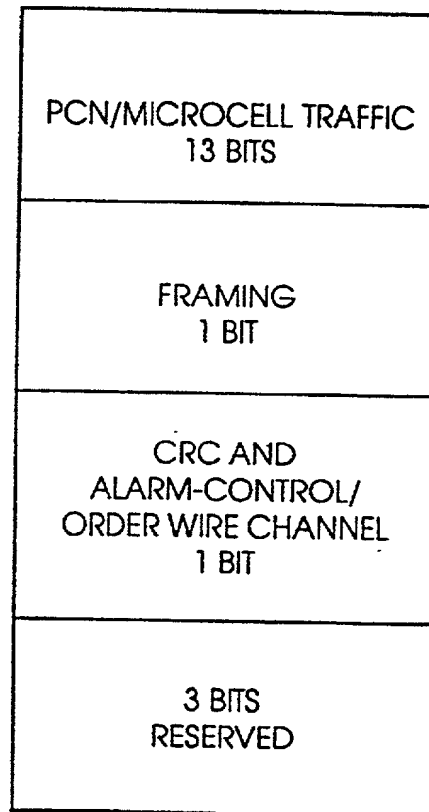


Fig. 21B

*Fig. 22**Fig. 23*

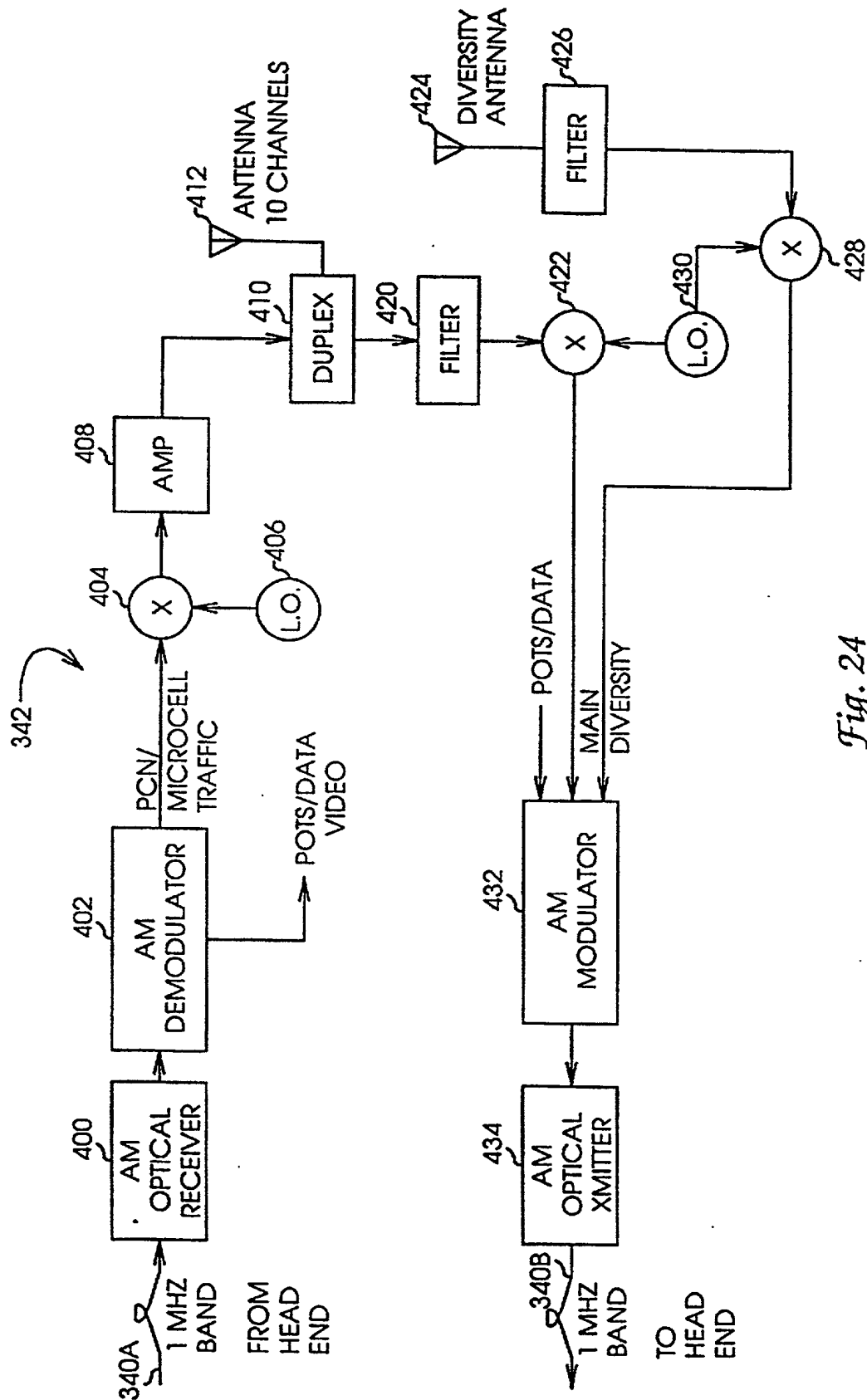
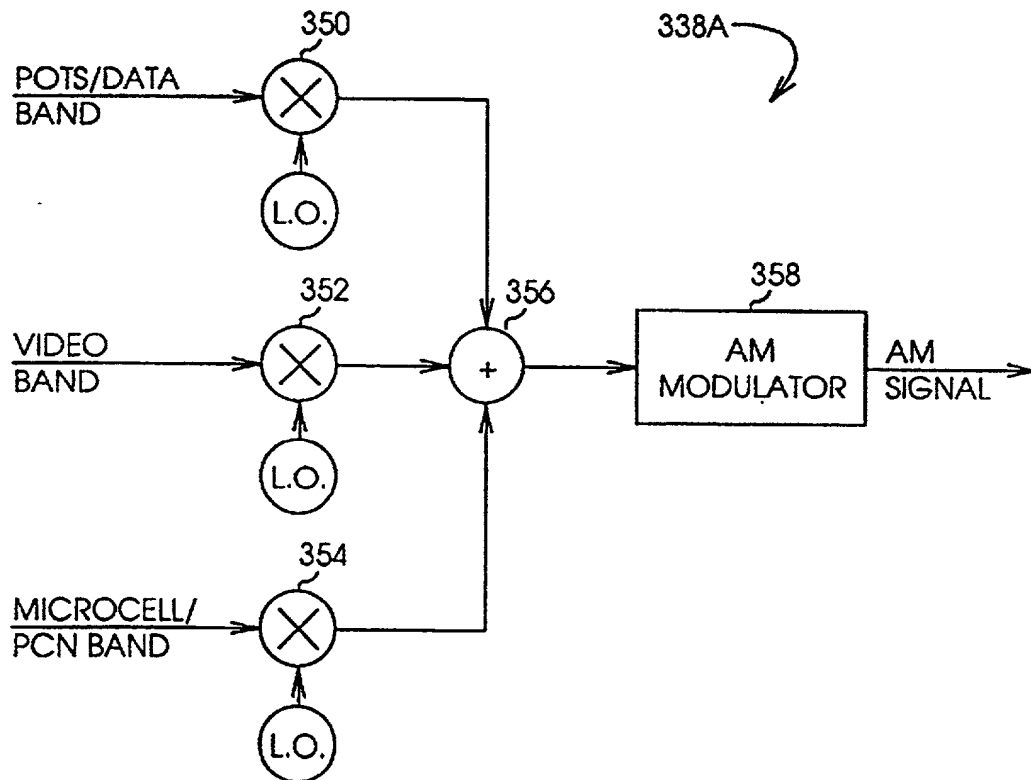
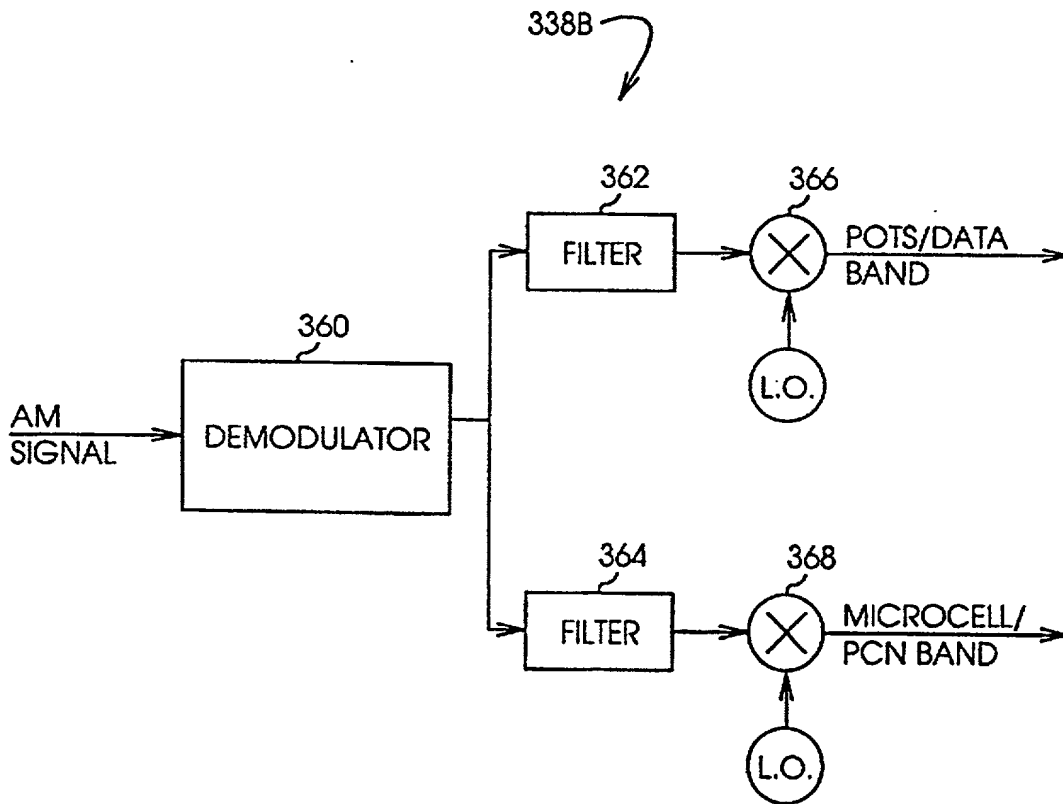
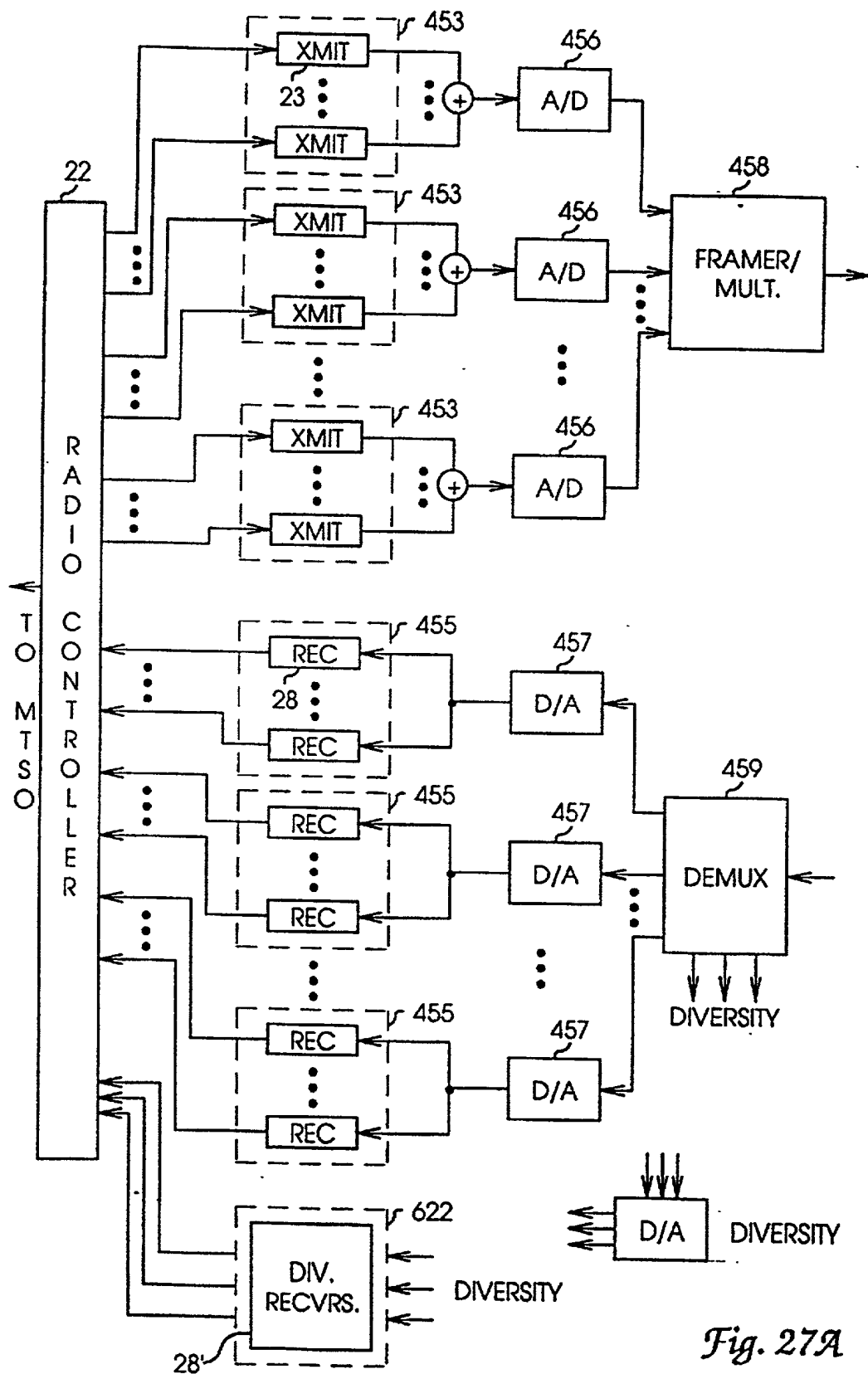


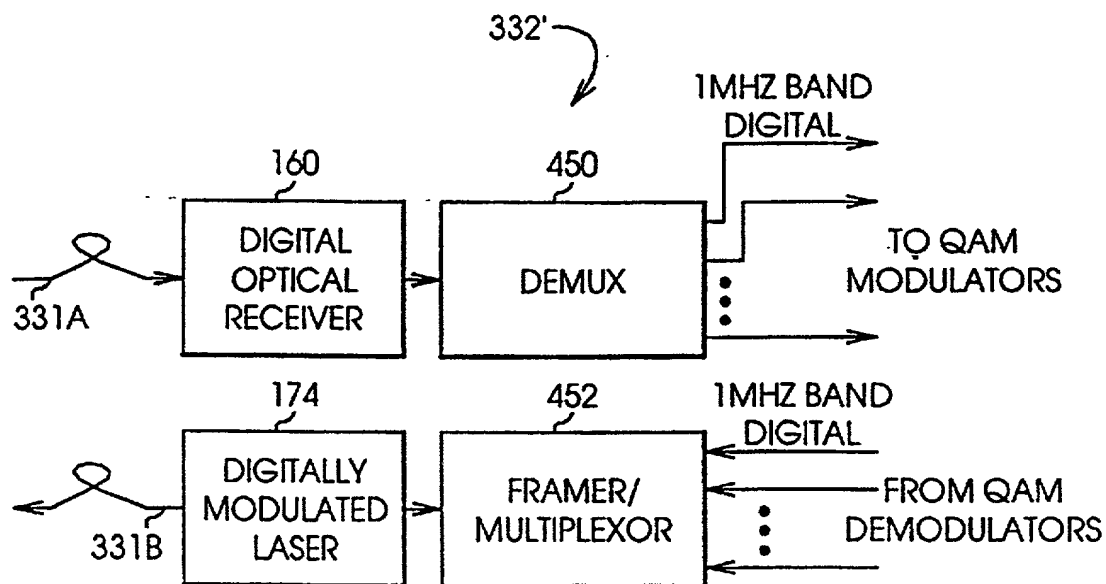
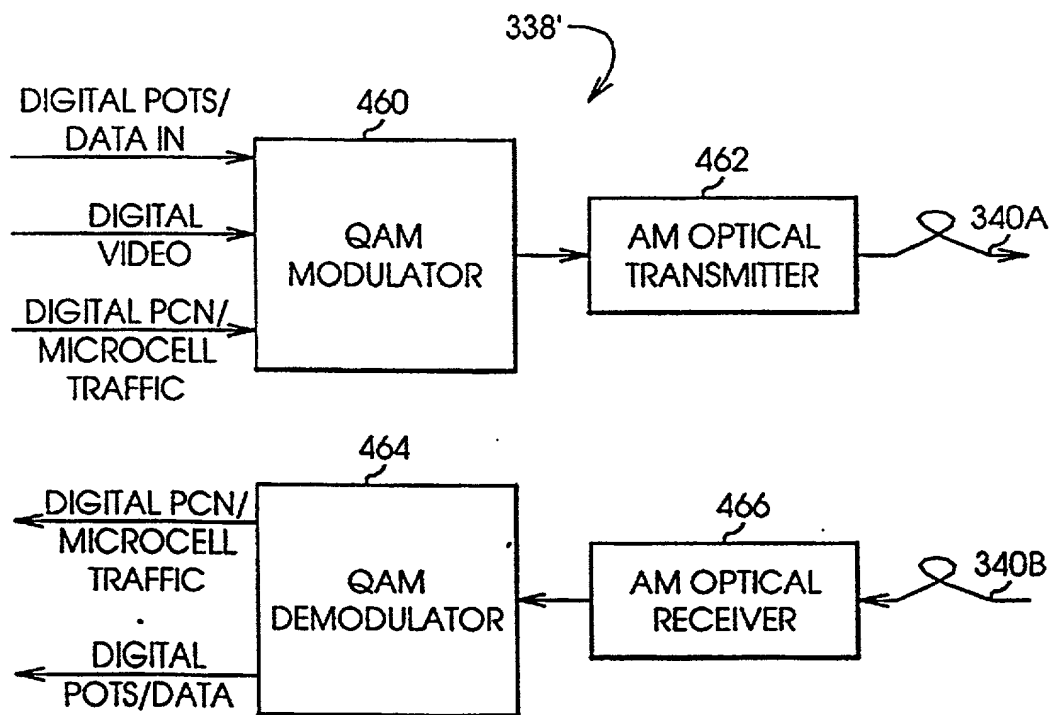
Fig. 24

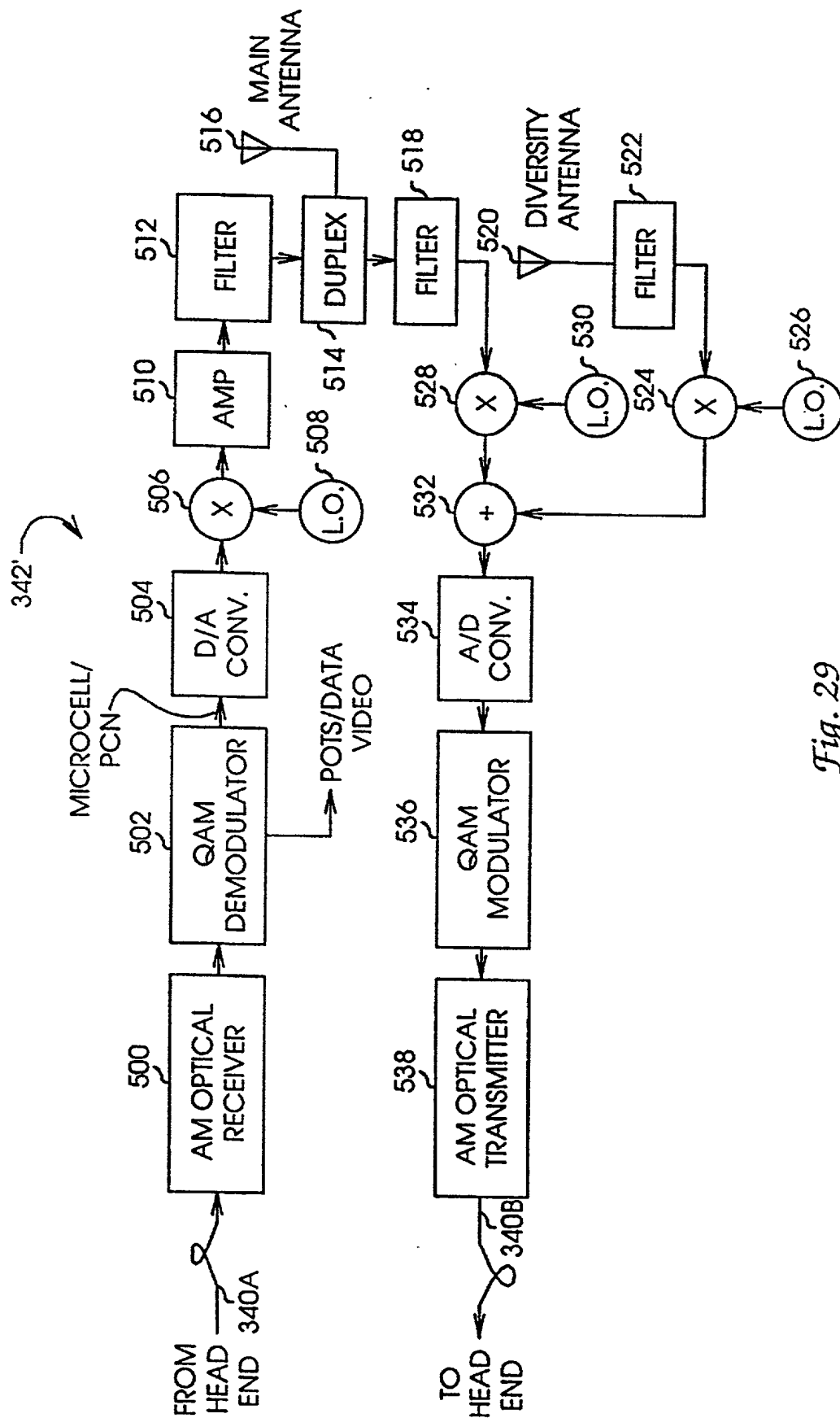


*AM Modulator*  
*Fig. 25*

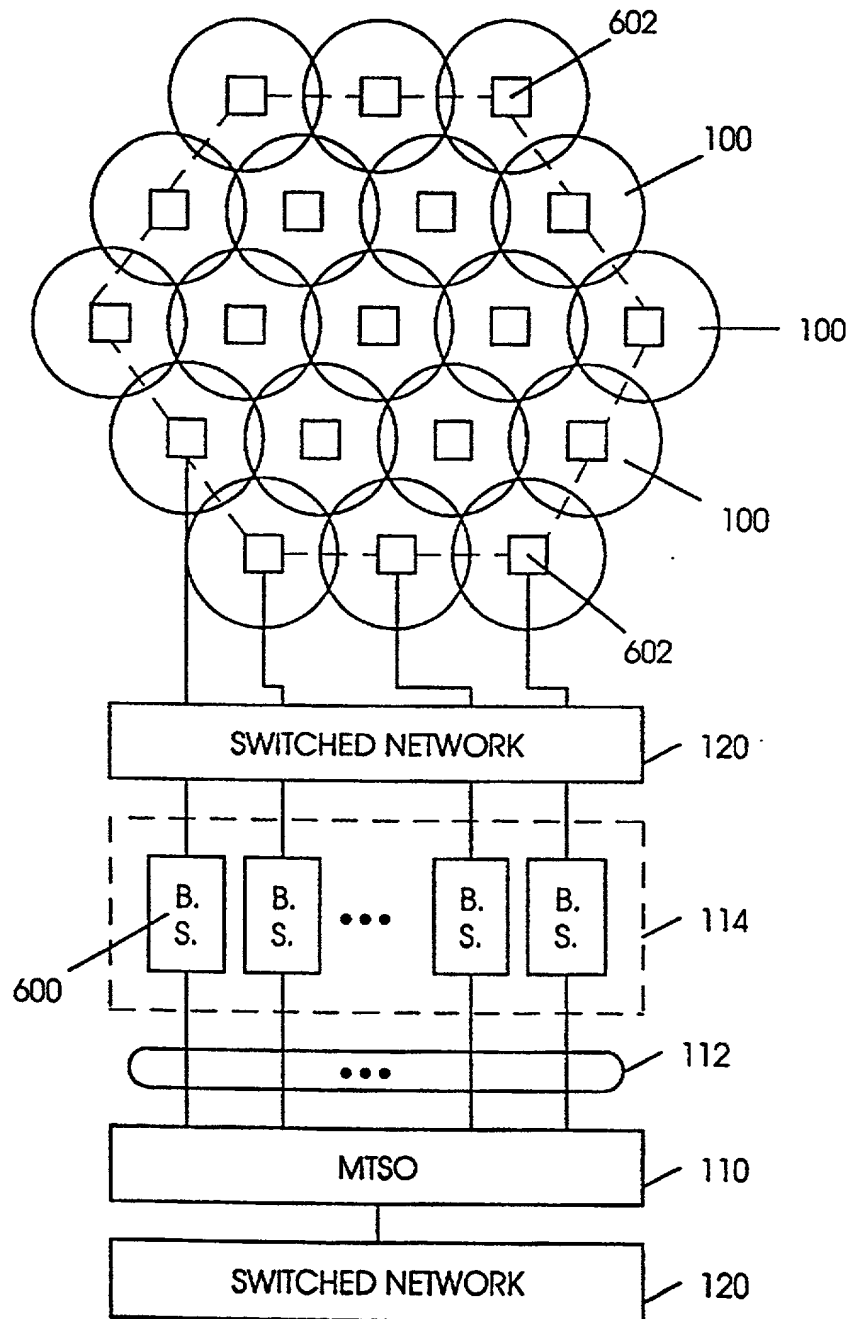
*Fig. 26*



*Fig. 27B**Fig. 28*





*Fig. 30*

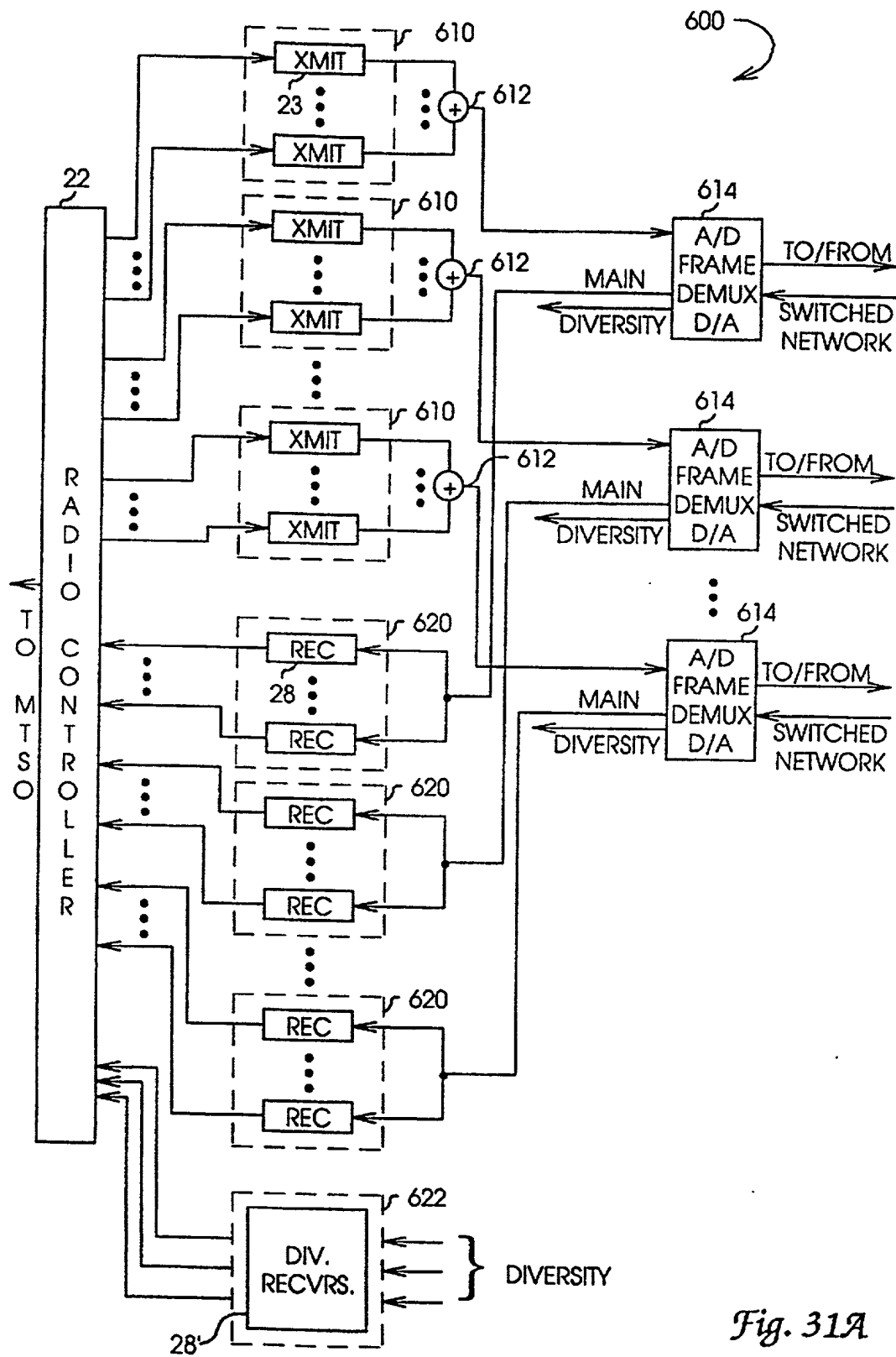
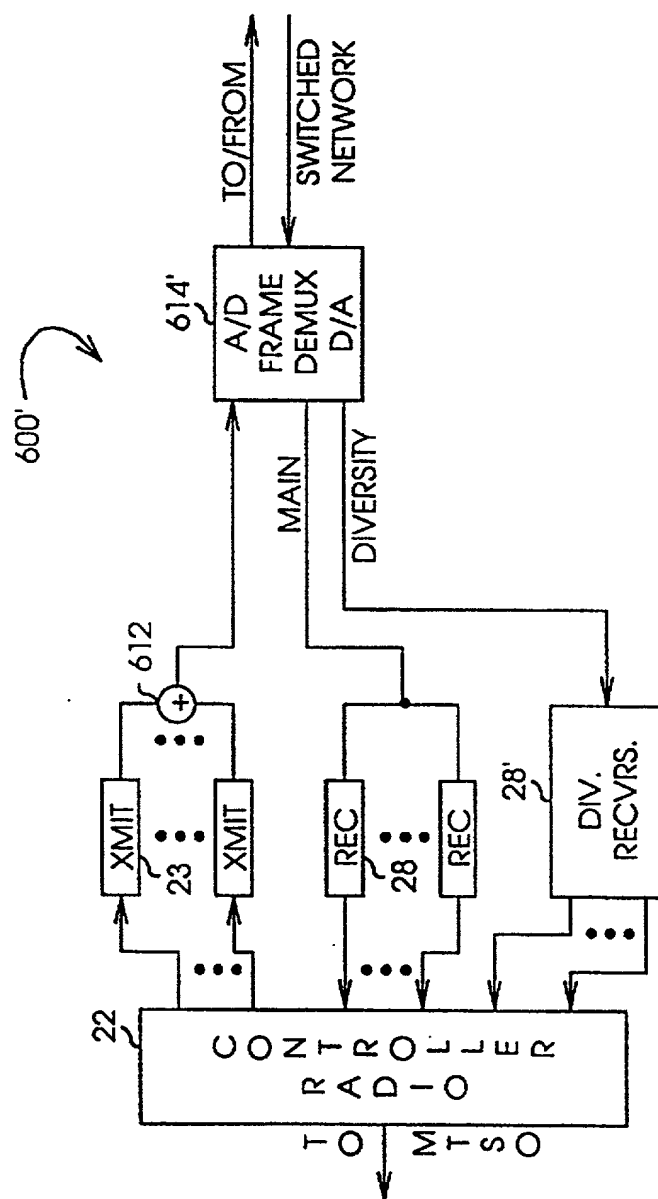


Fig. 31A

Fig. 31B



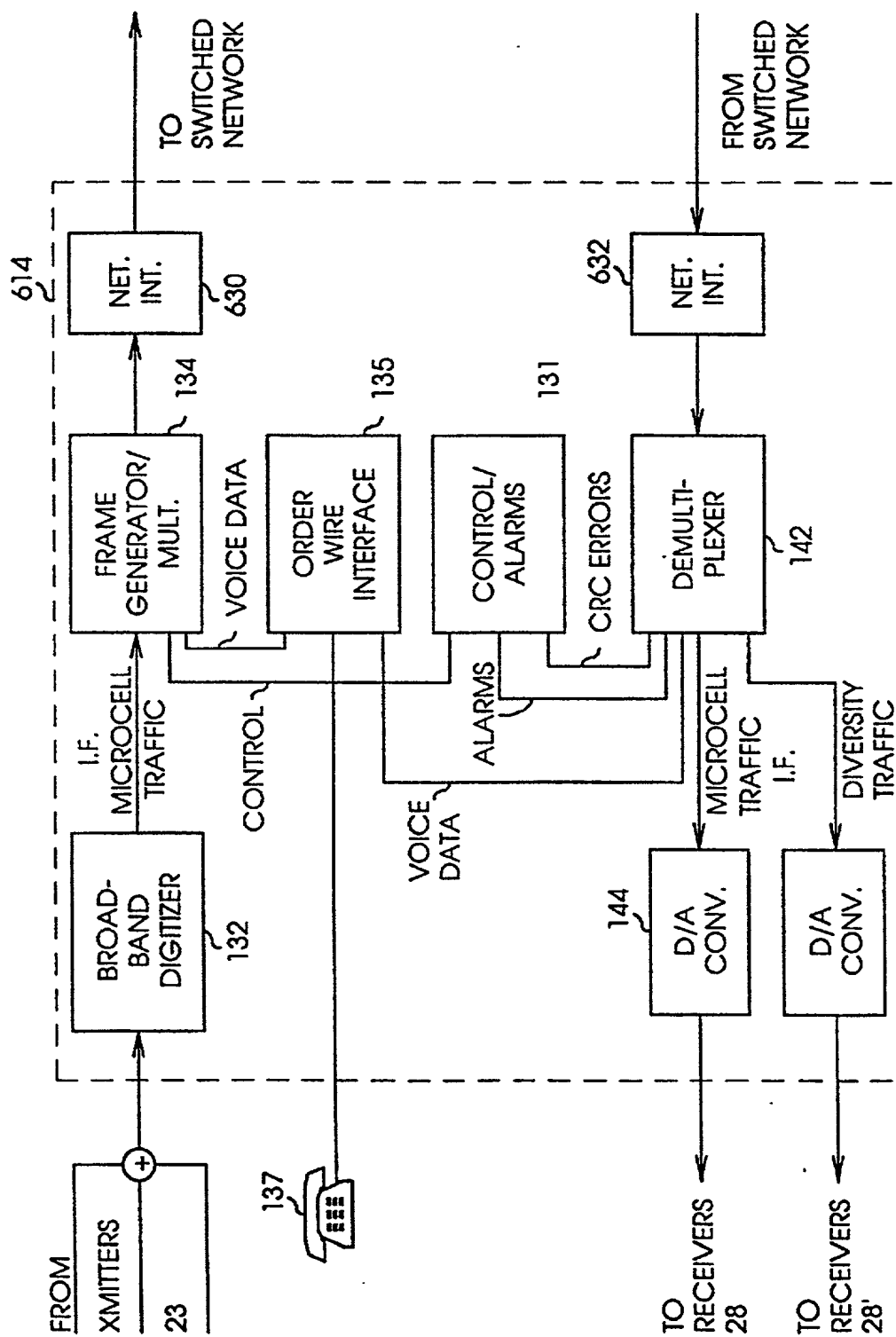


Figure 32A

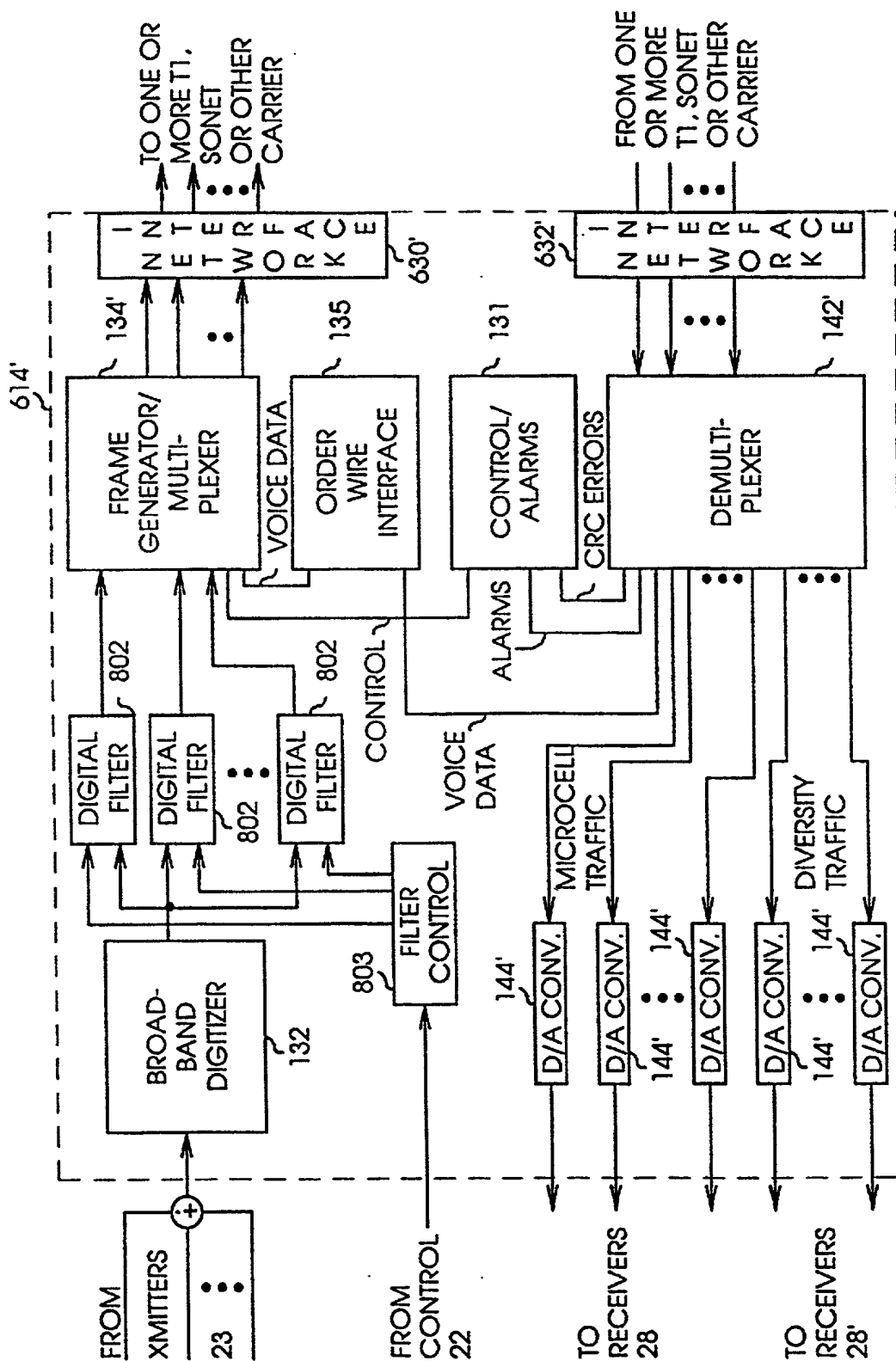
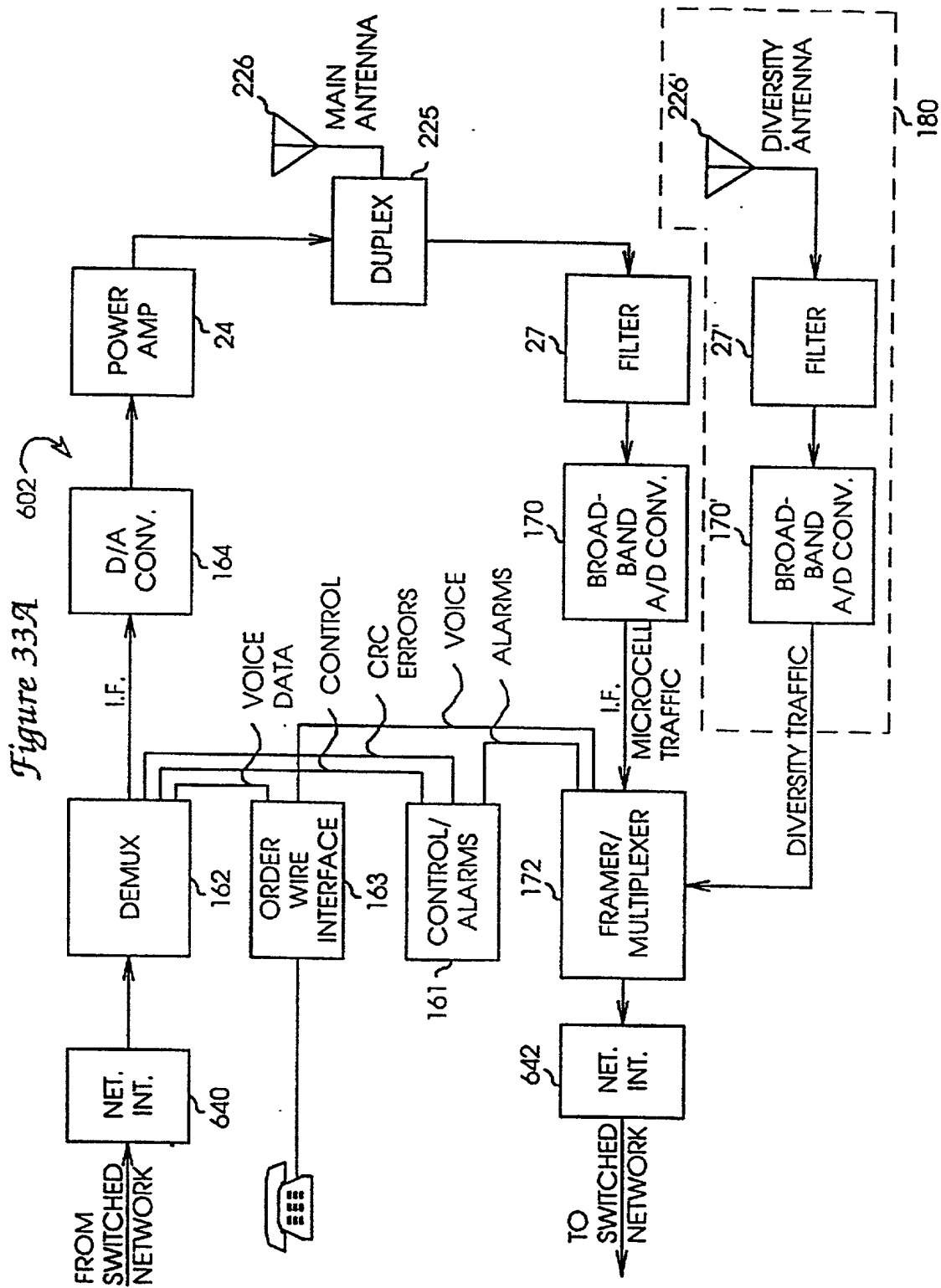


Figure 32B



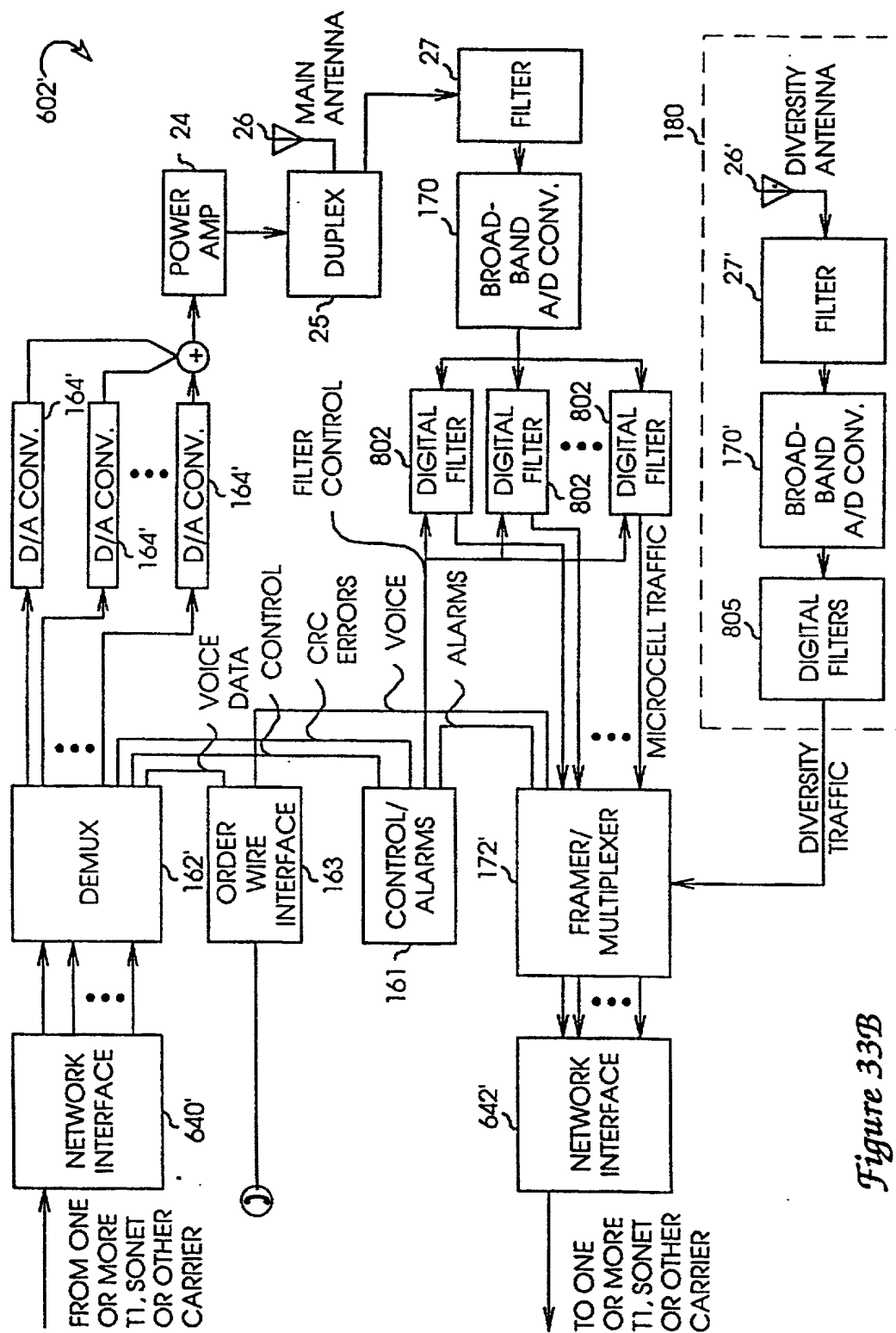
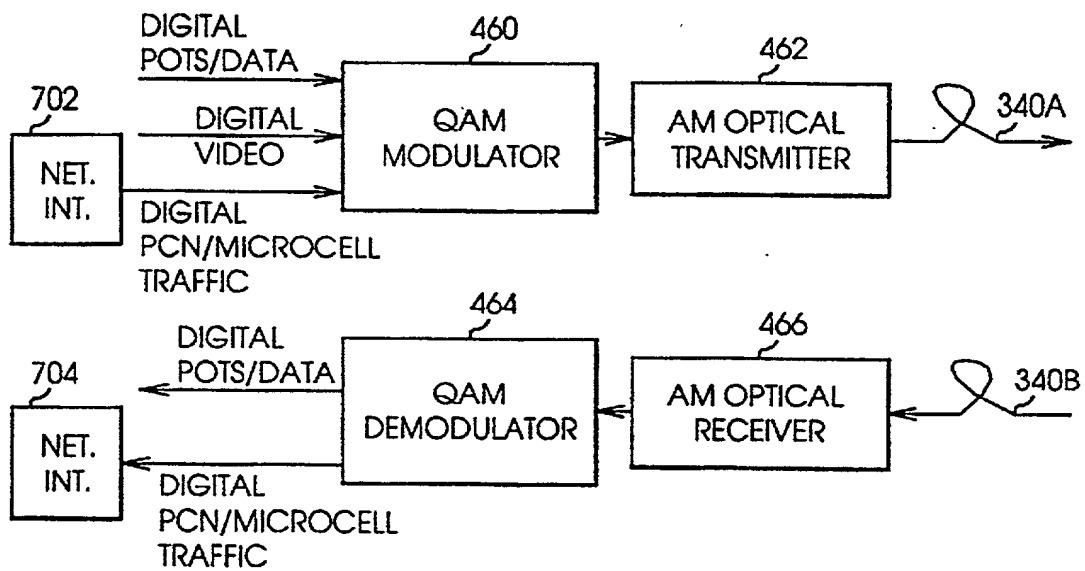
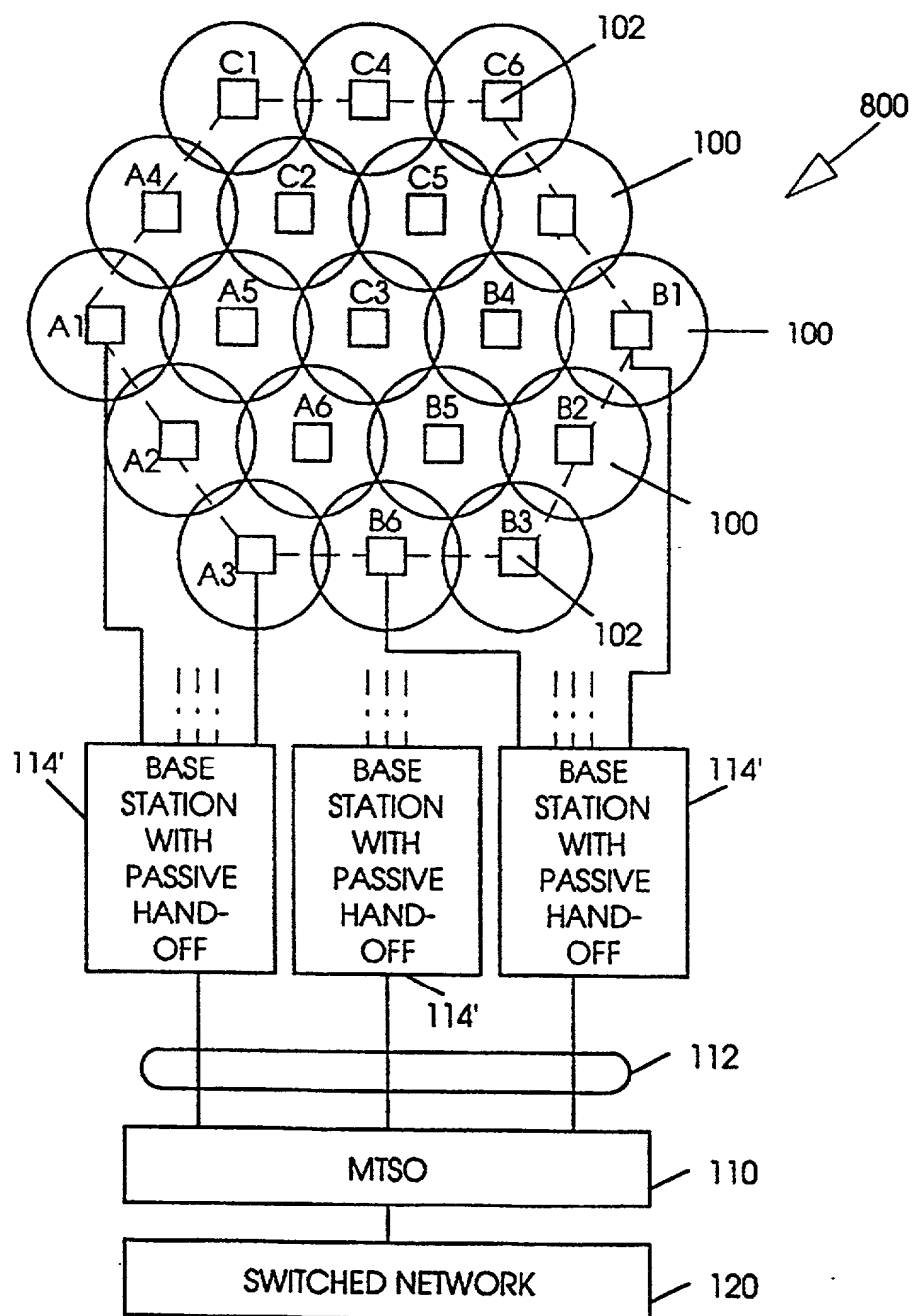


Figure 33B

*Fig. 34*



*Fig. 35A*

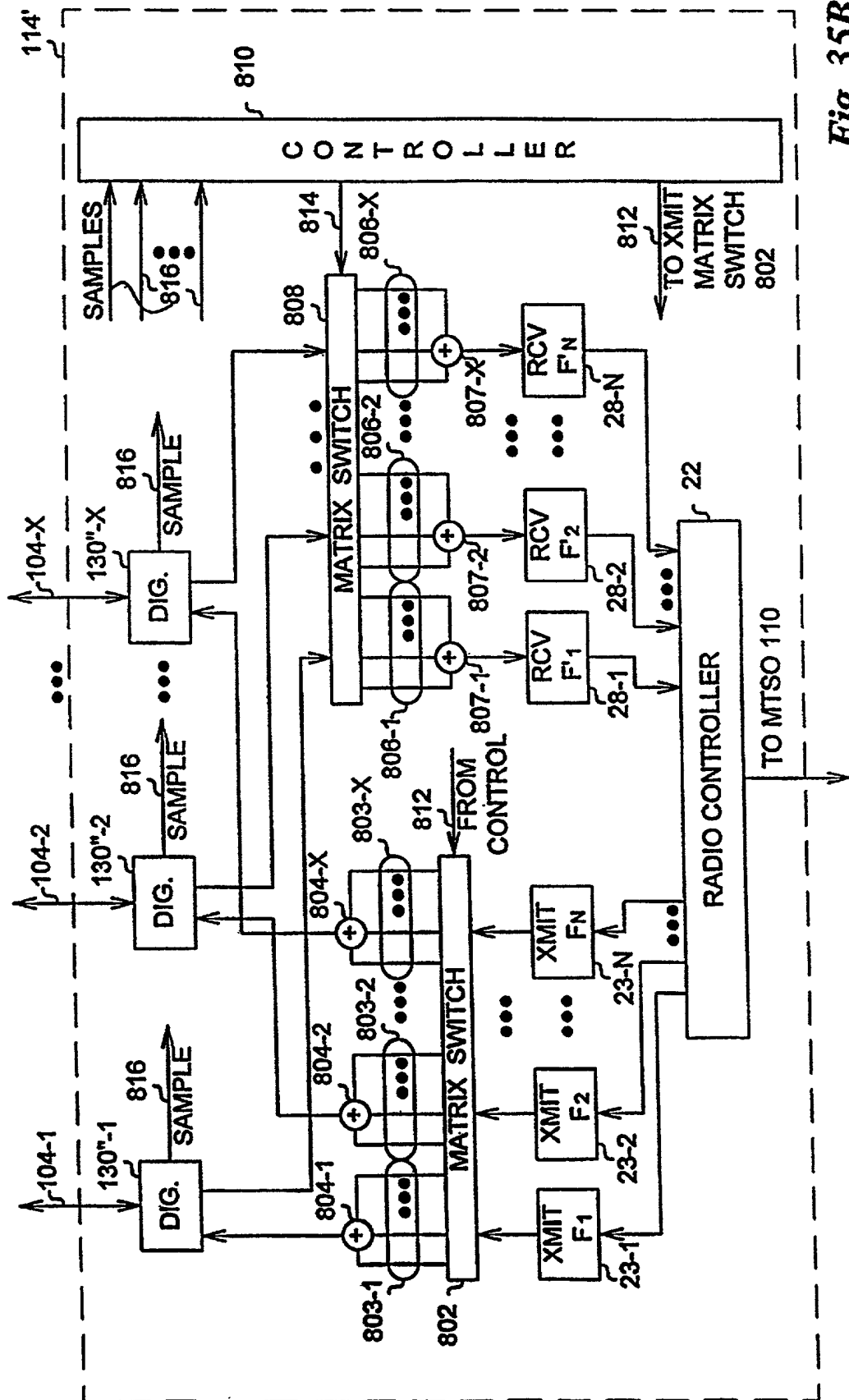


Fig. 35B

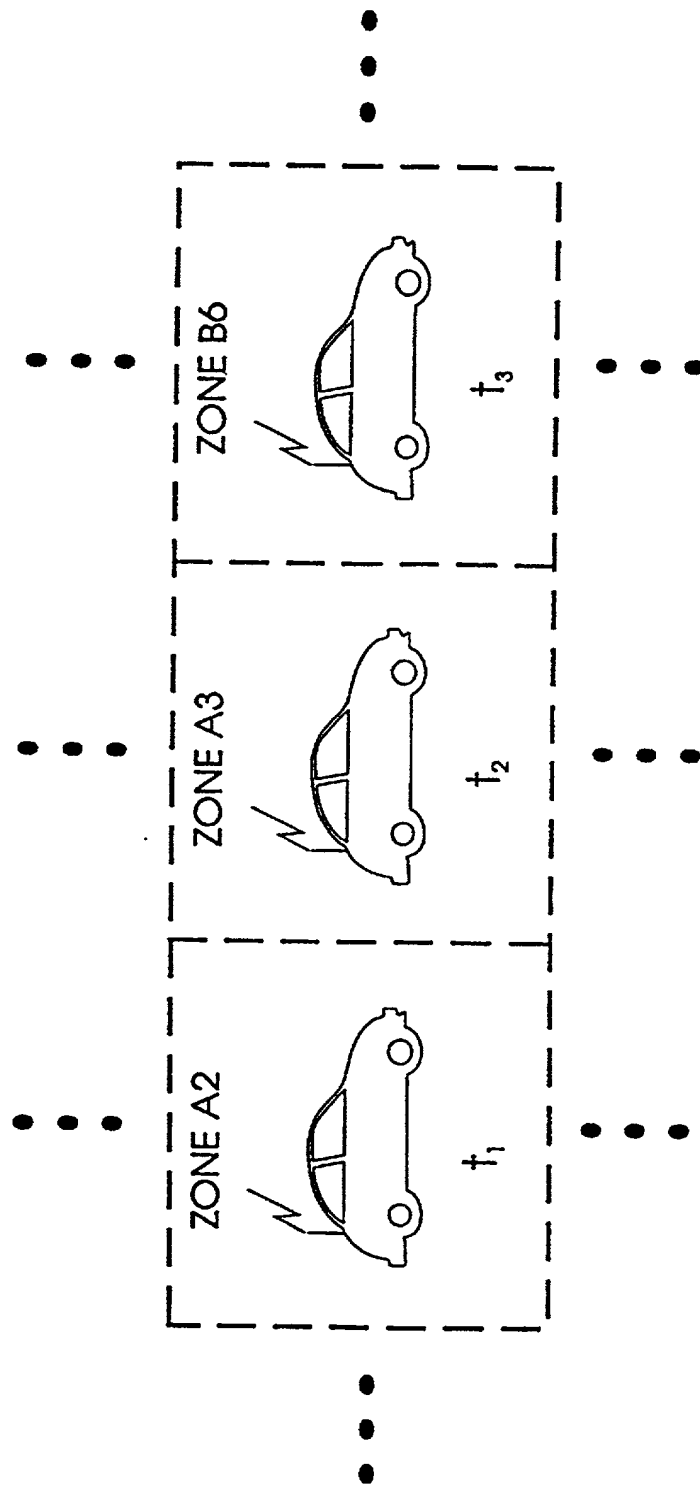


Figure 35C

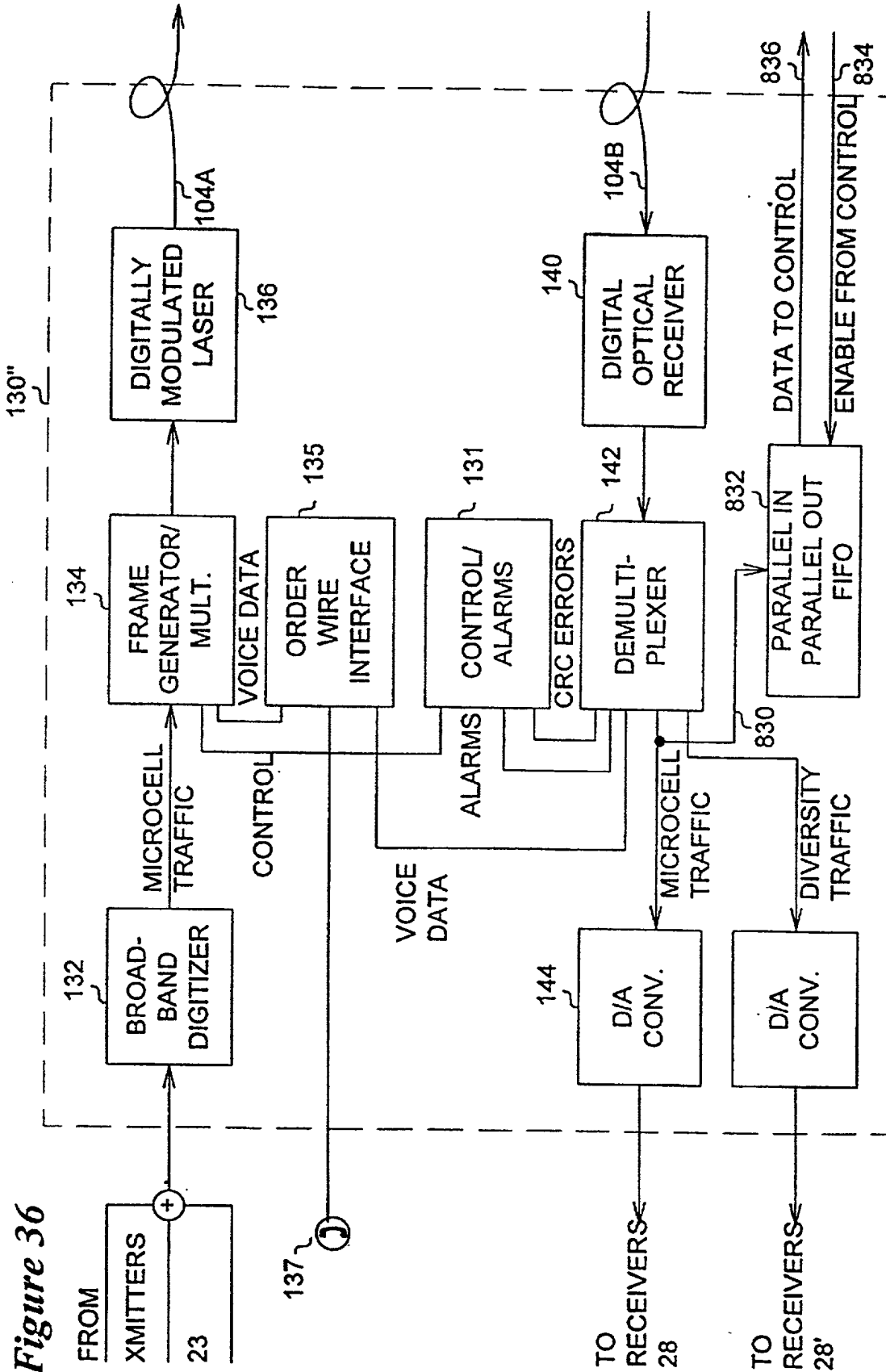


Fig. 37

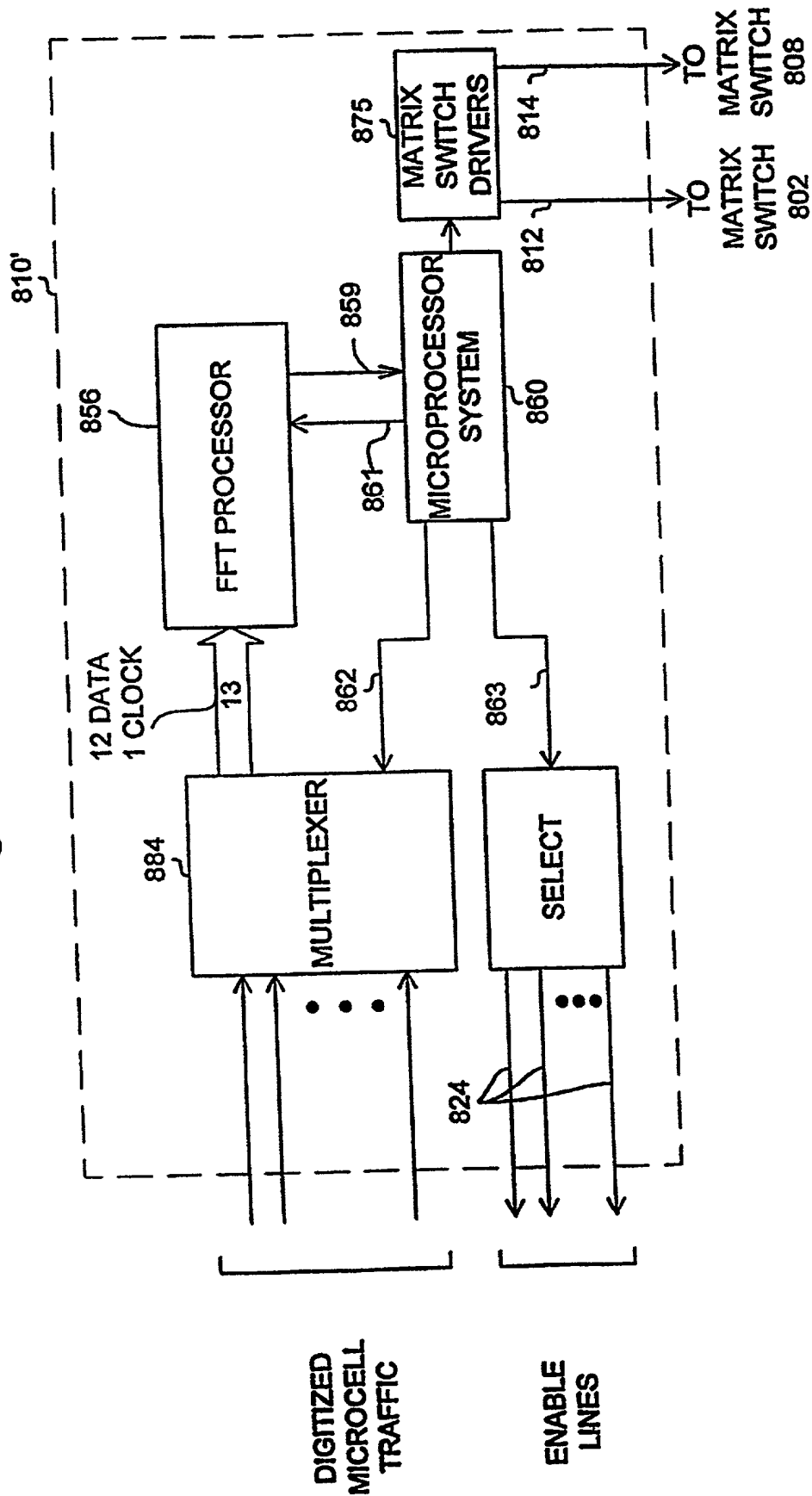
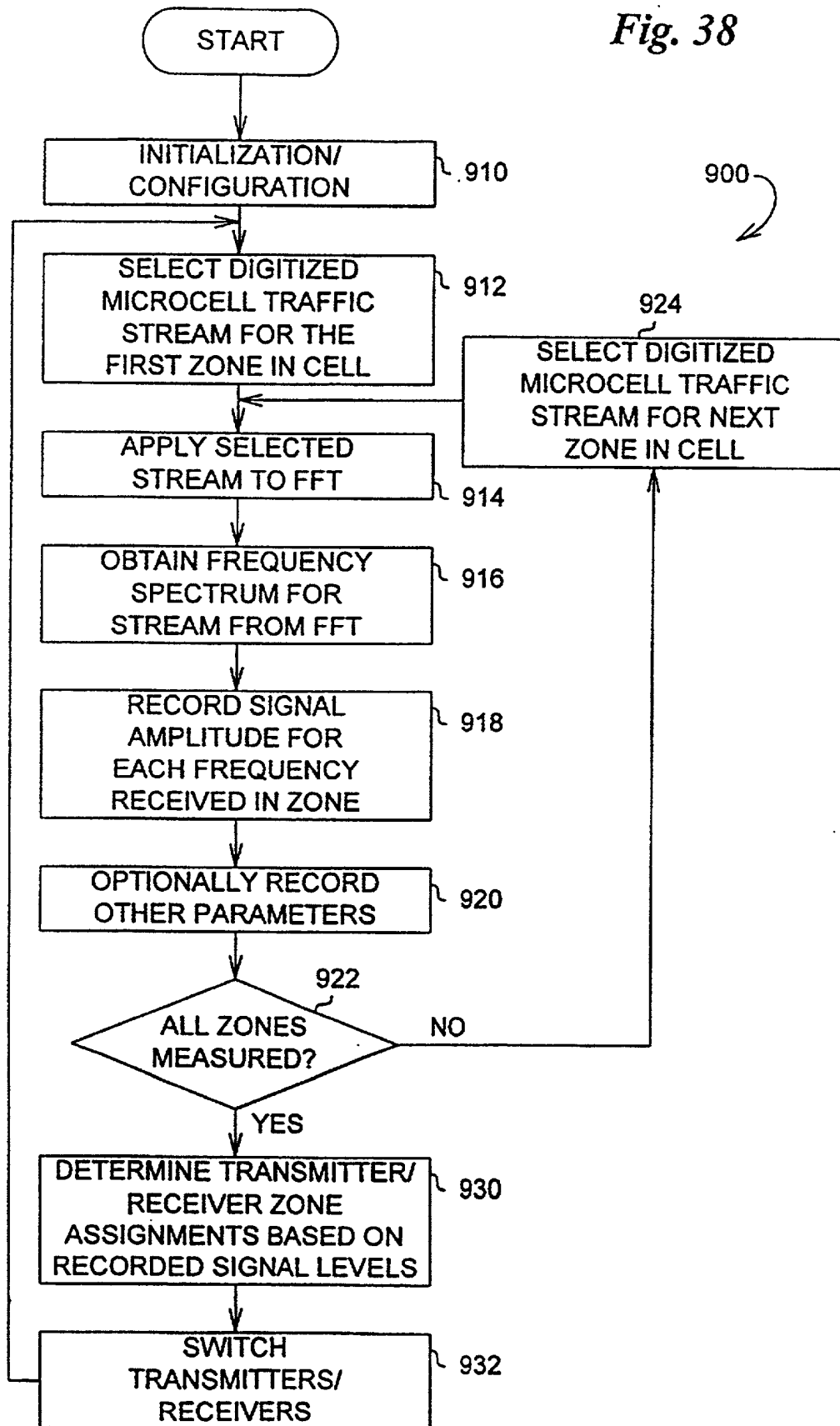


Fig. 38



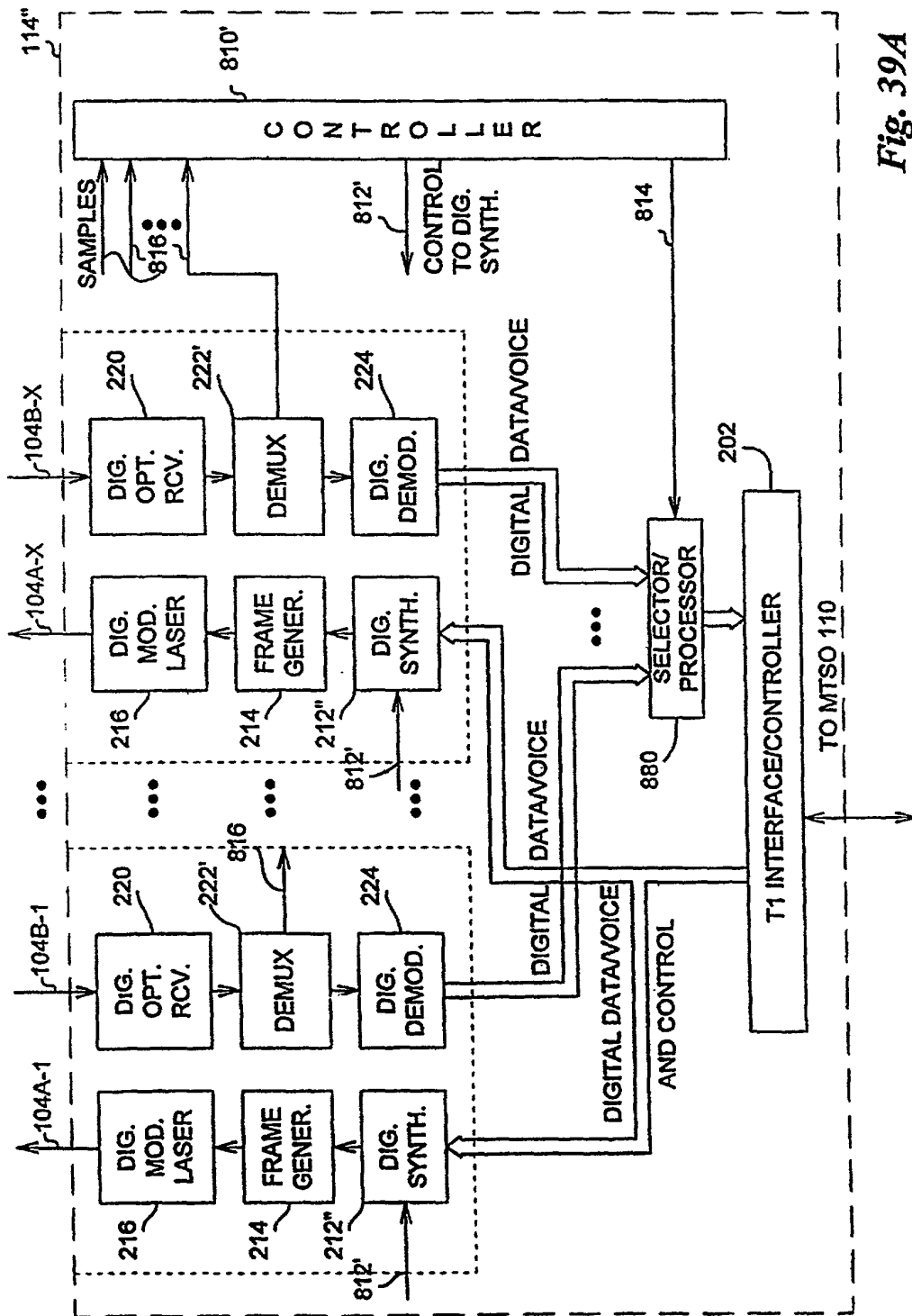


Fig. 39A

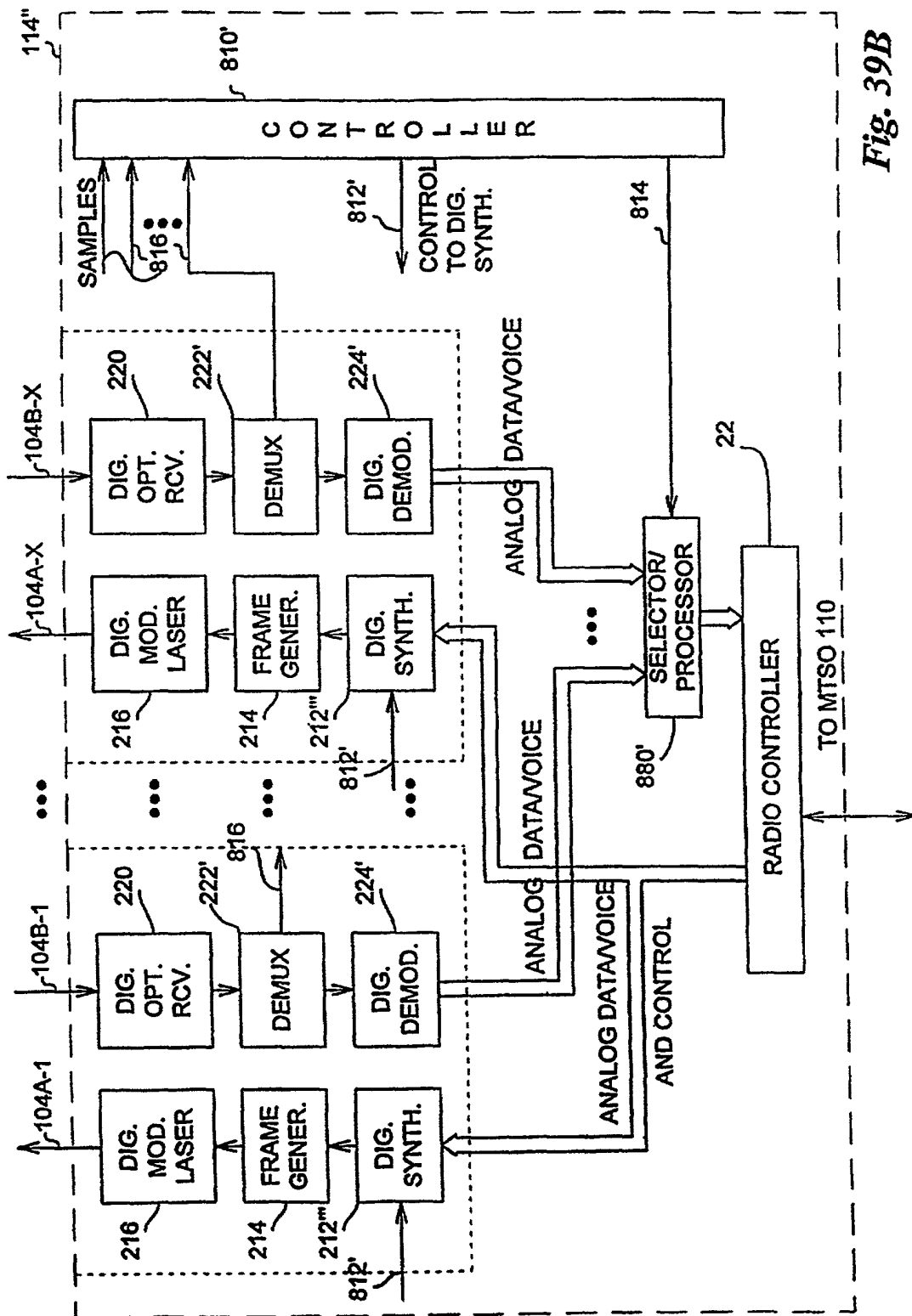


Fig. 39B



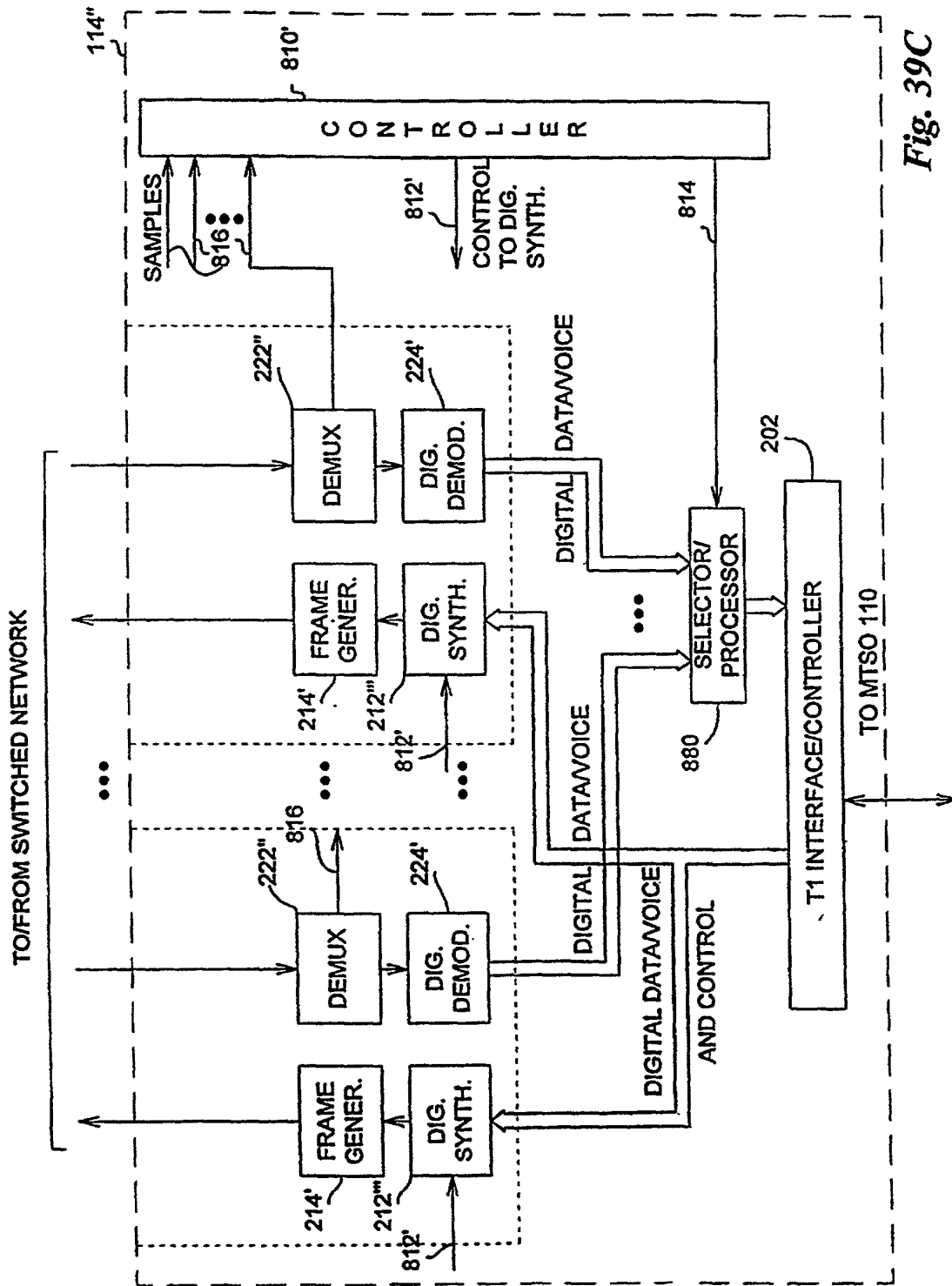


Fig. 39C

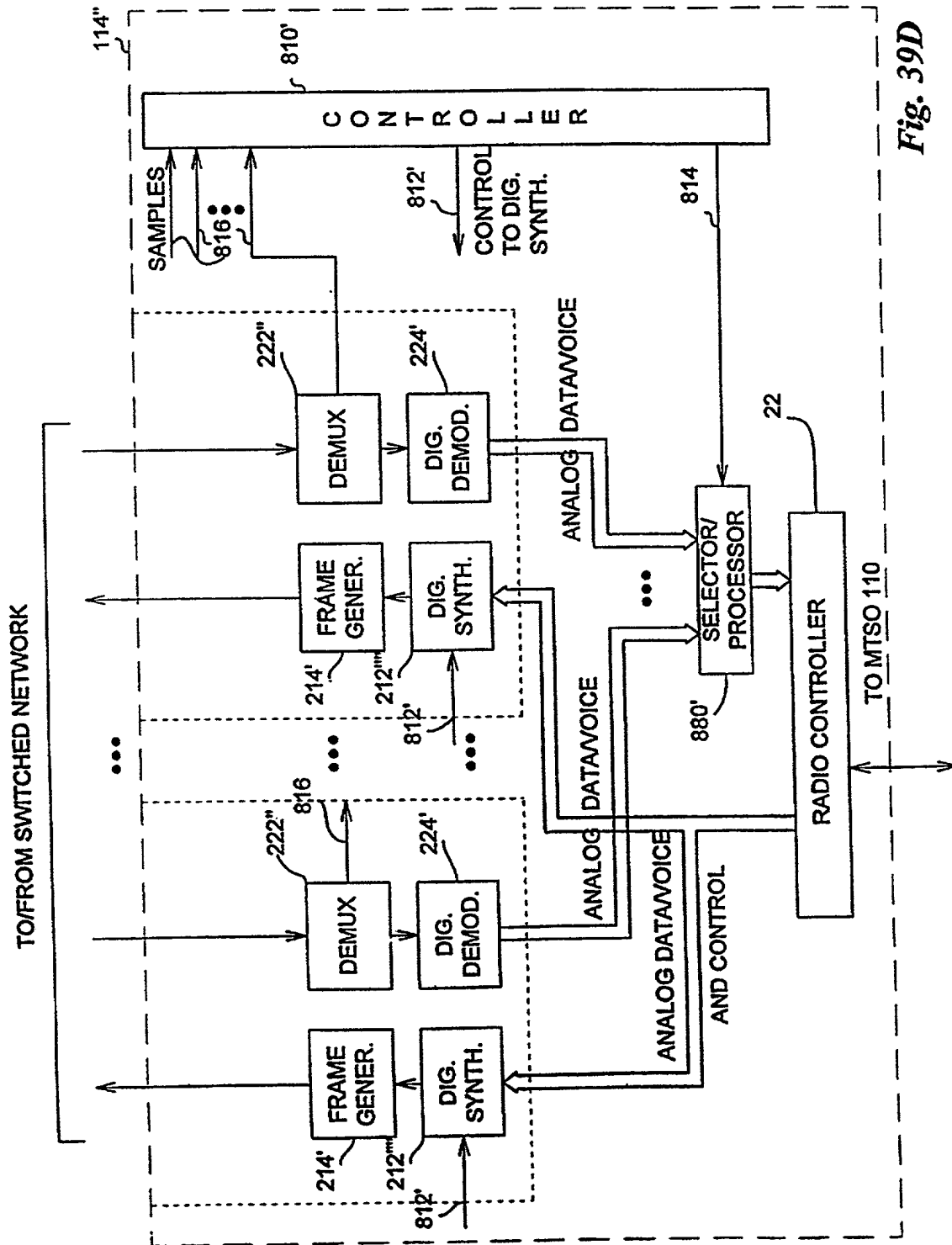
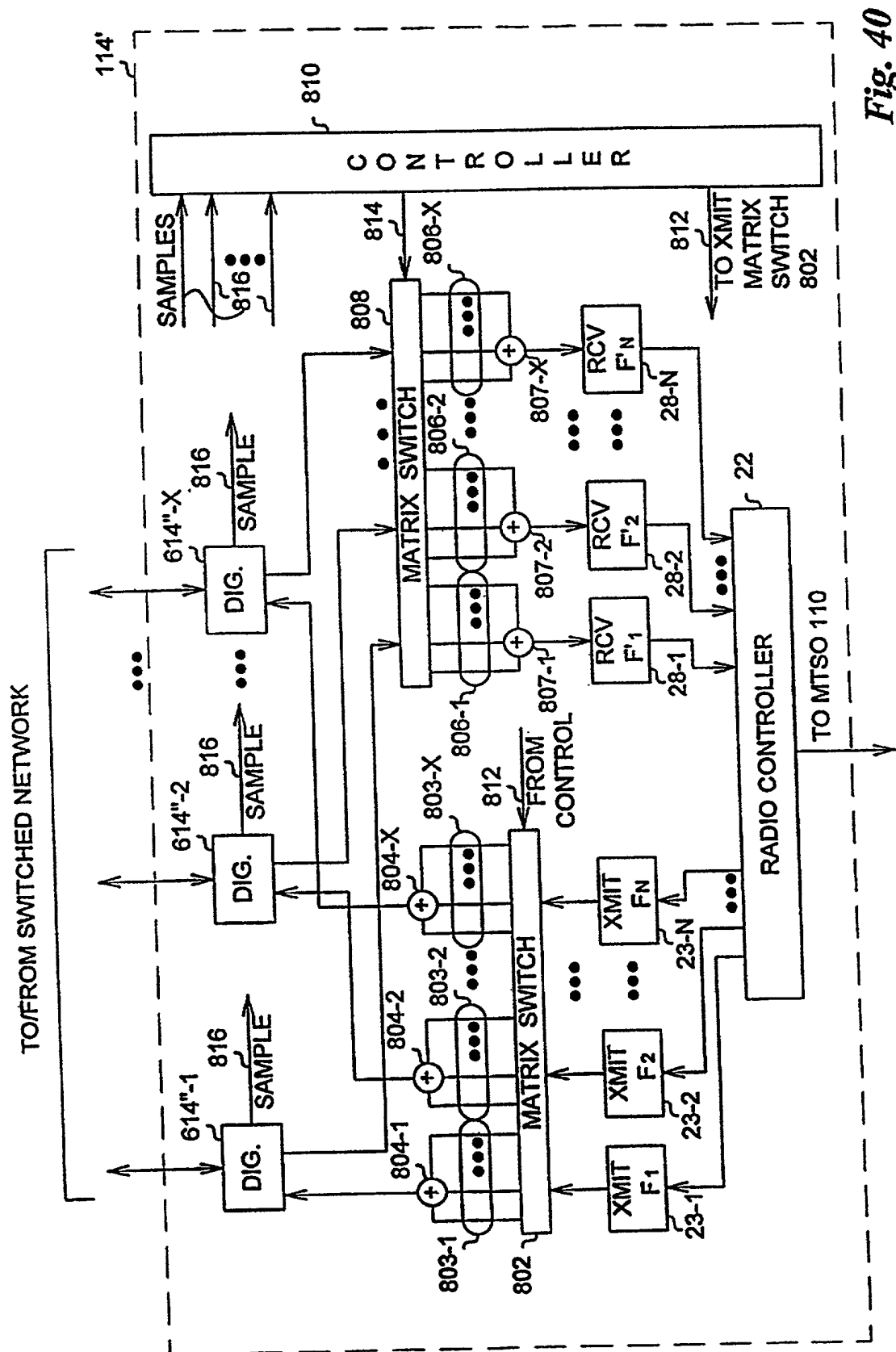


Fig. 39D



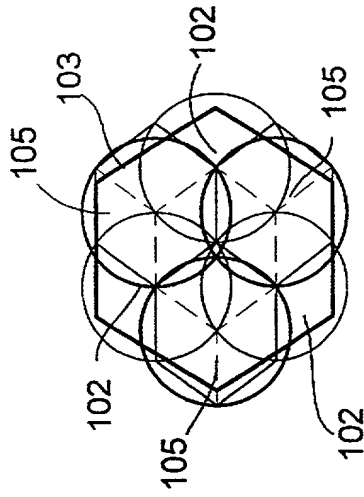


Figure 41A

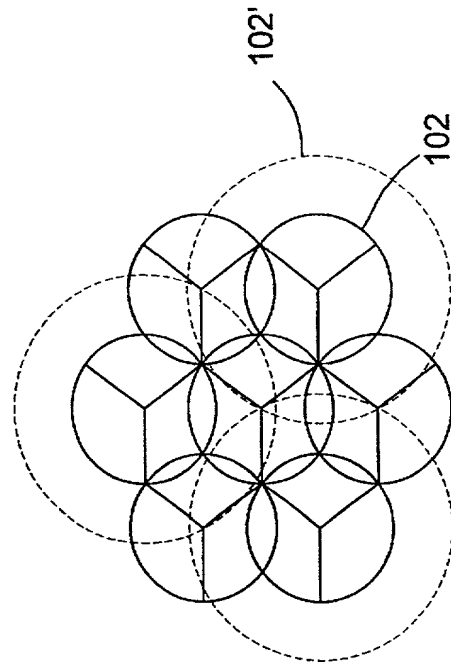


Figure 41B

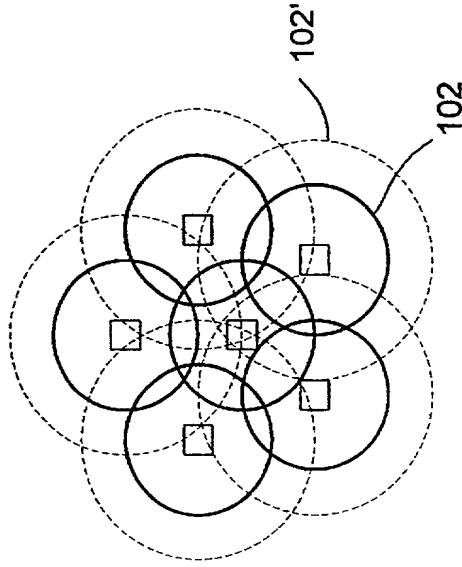
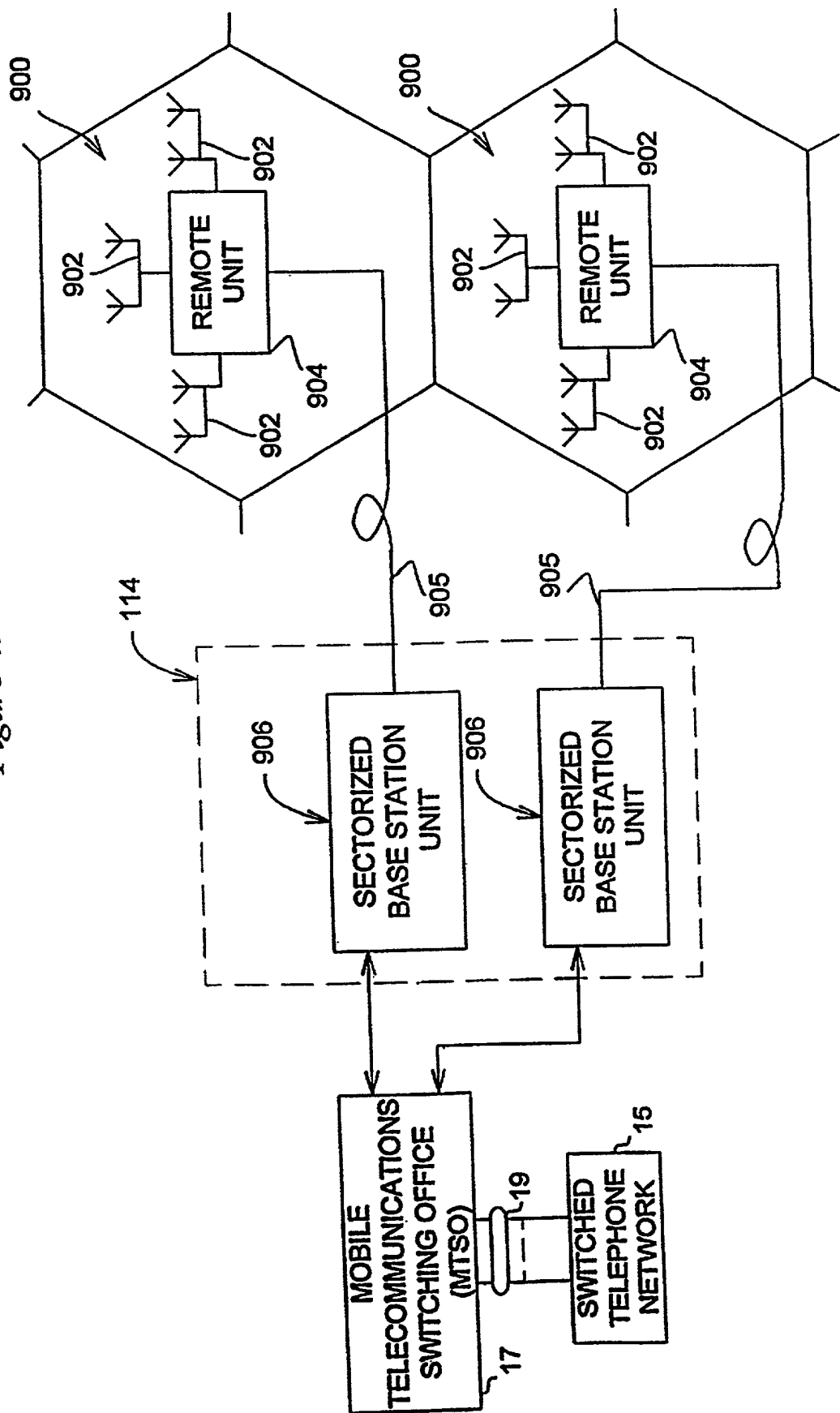


Figure 41C

Figure 42



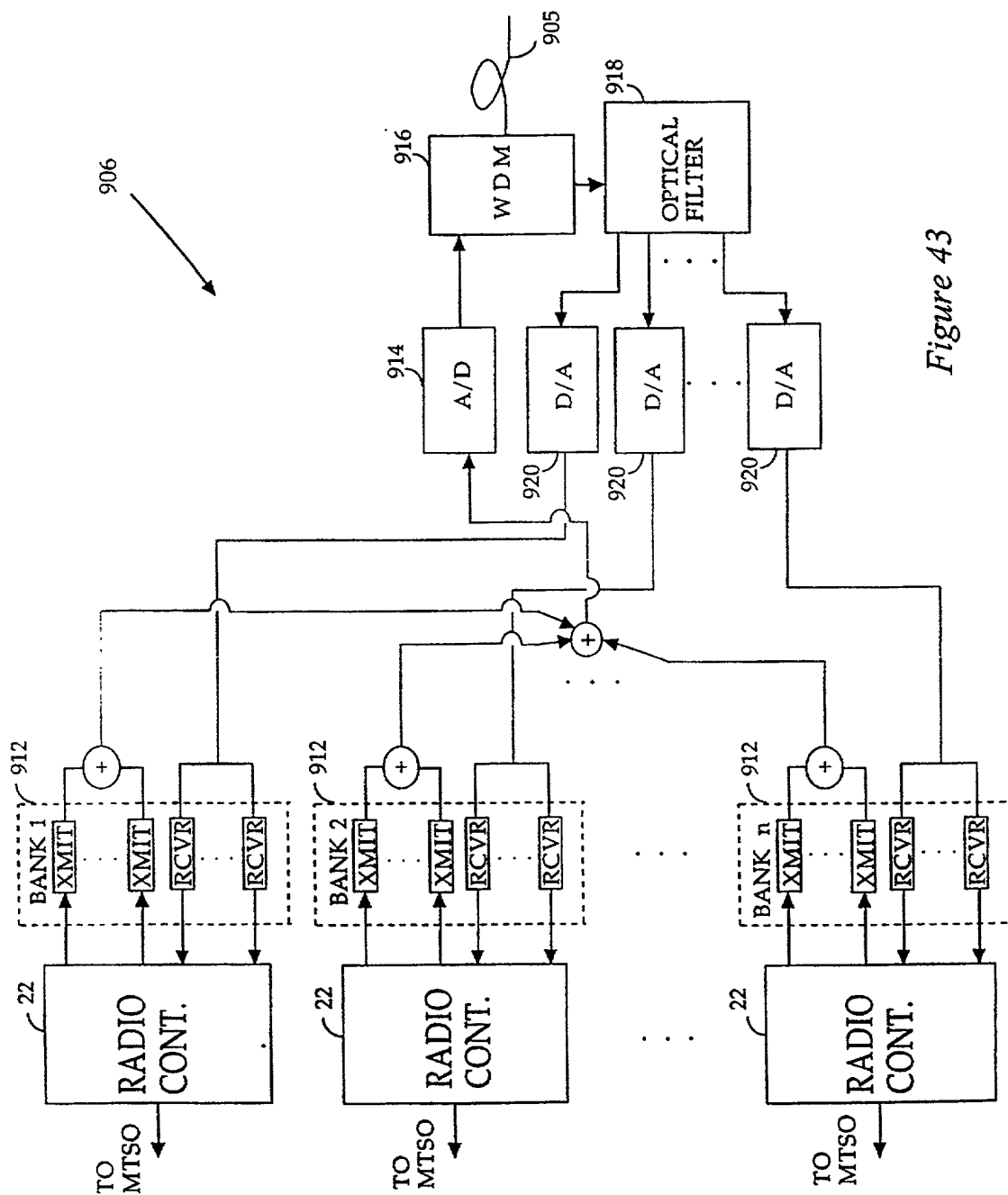


Figure 43

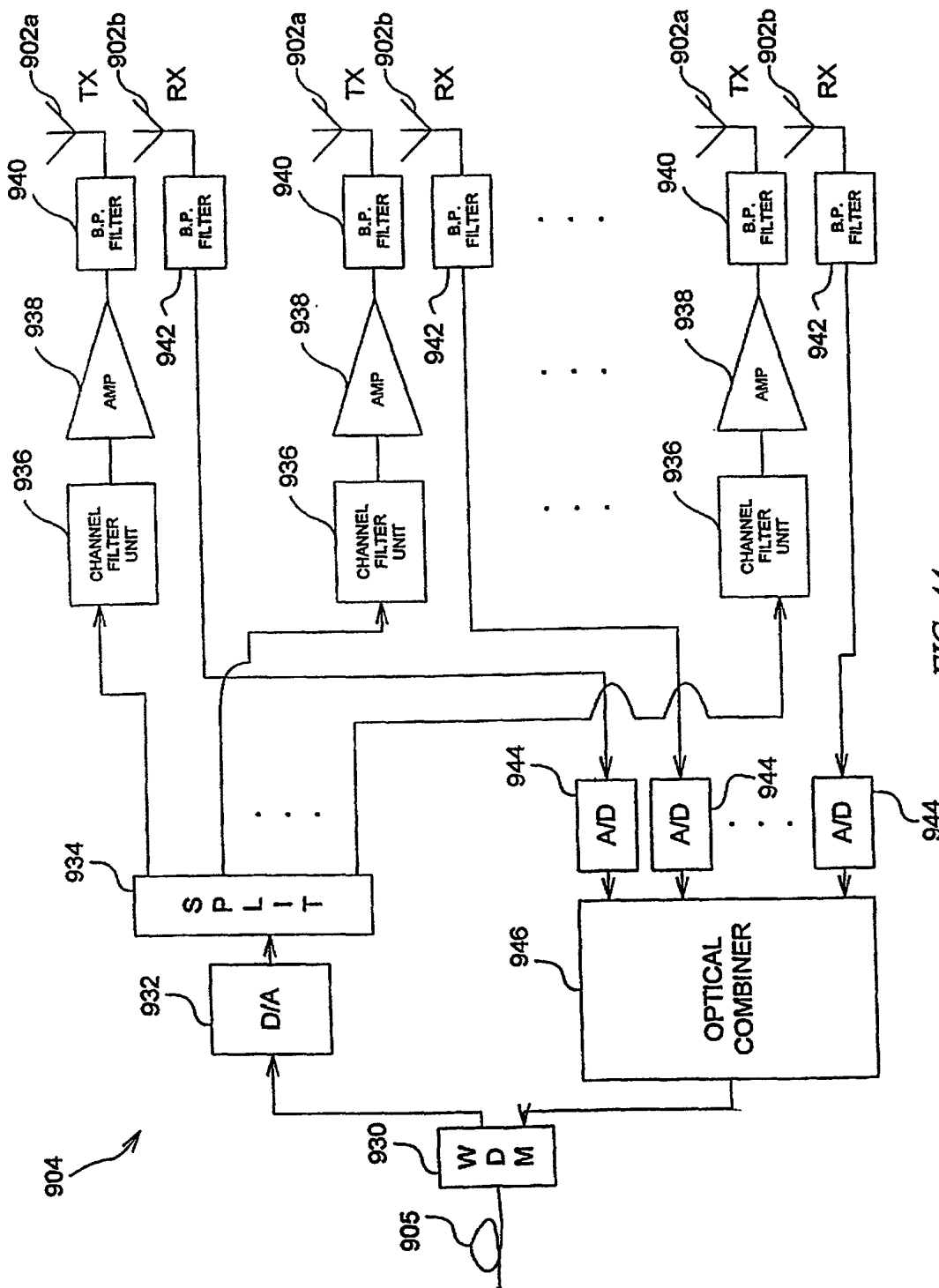


FIG. 44

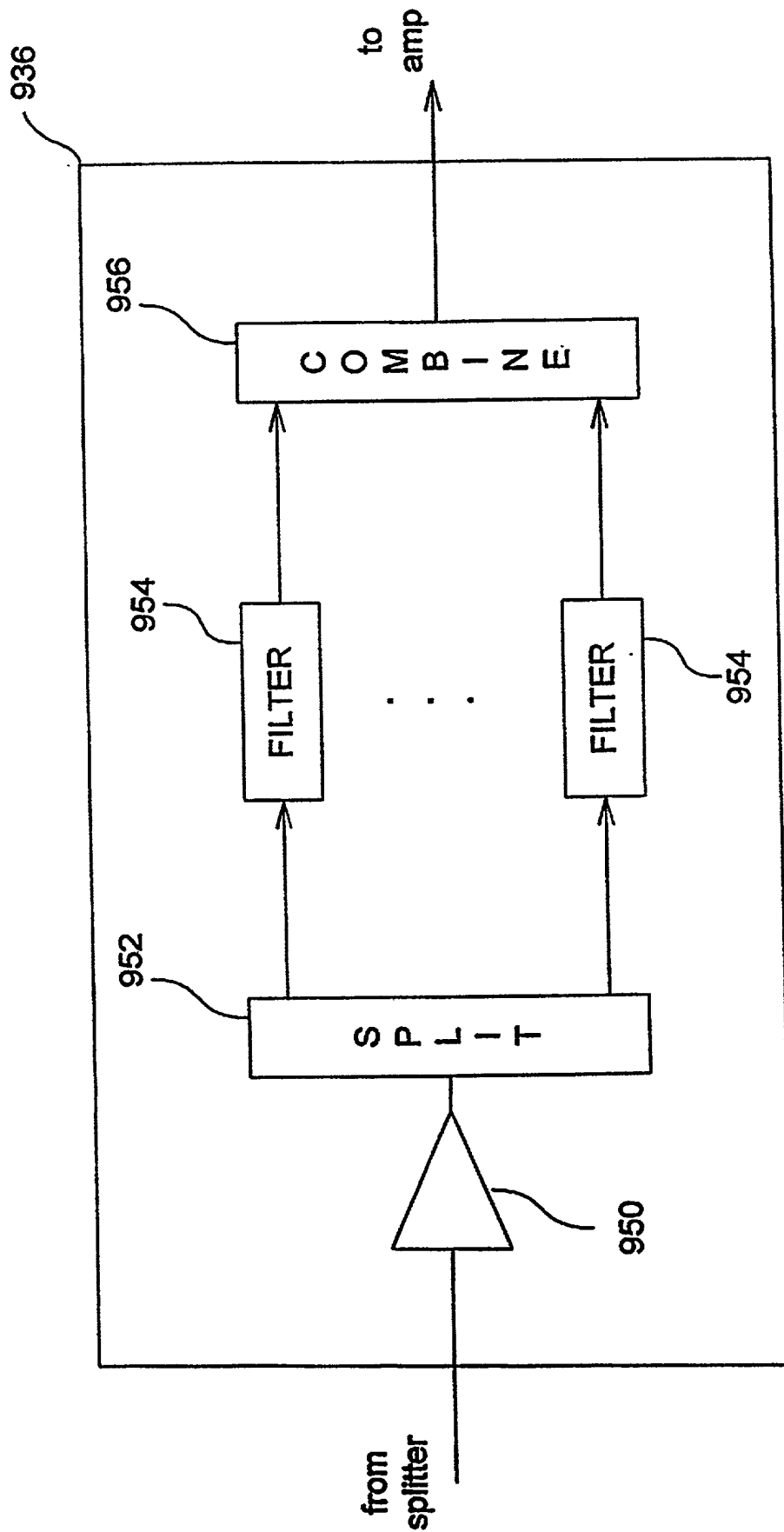


FIG. 45



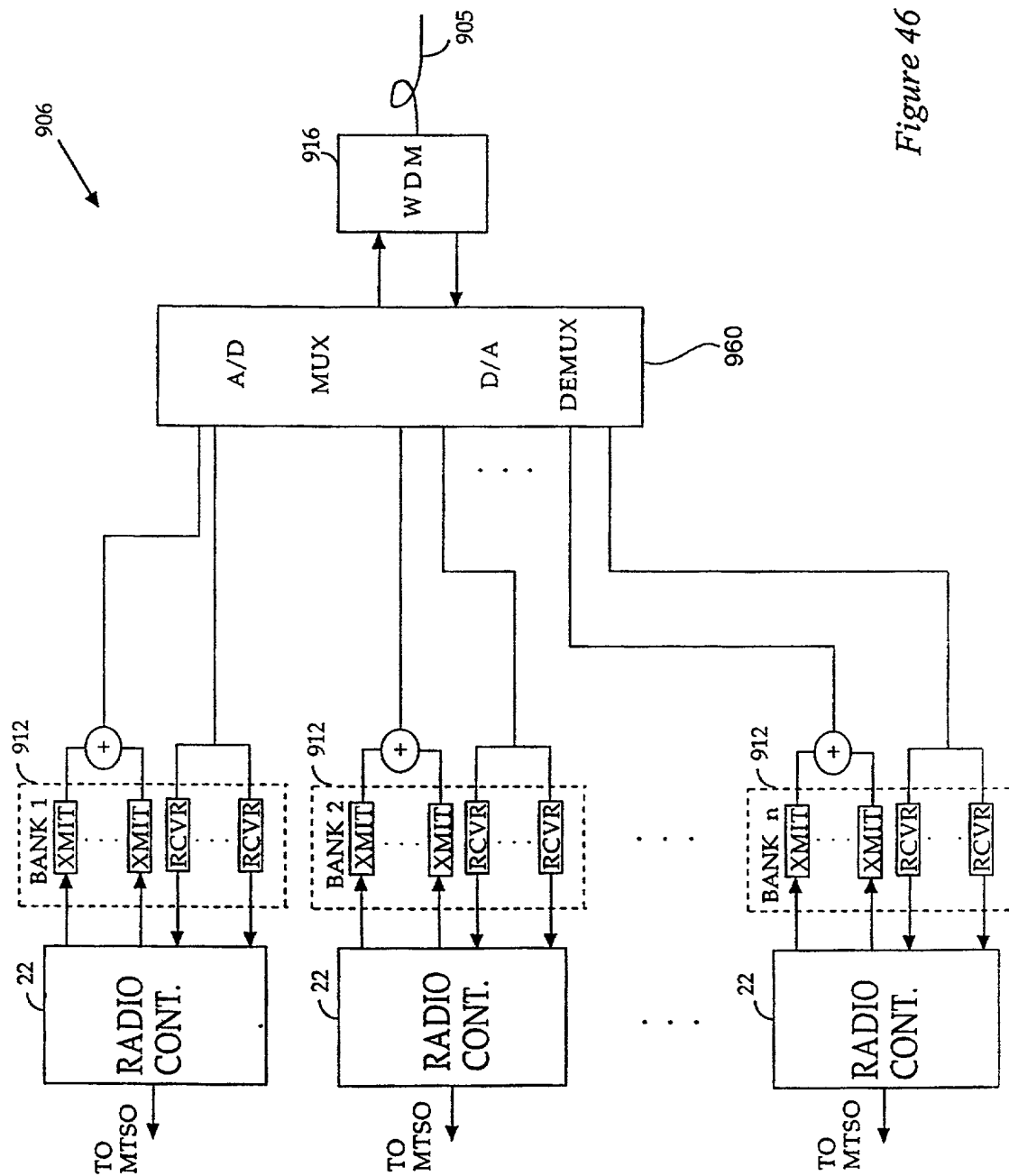


Figure 46

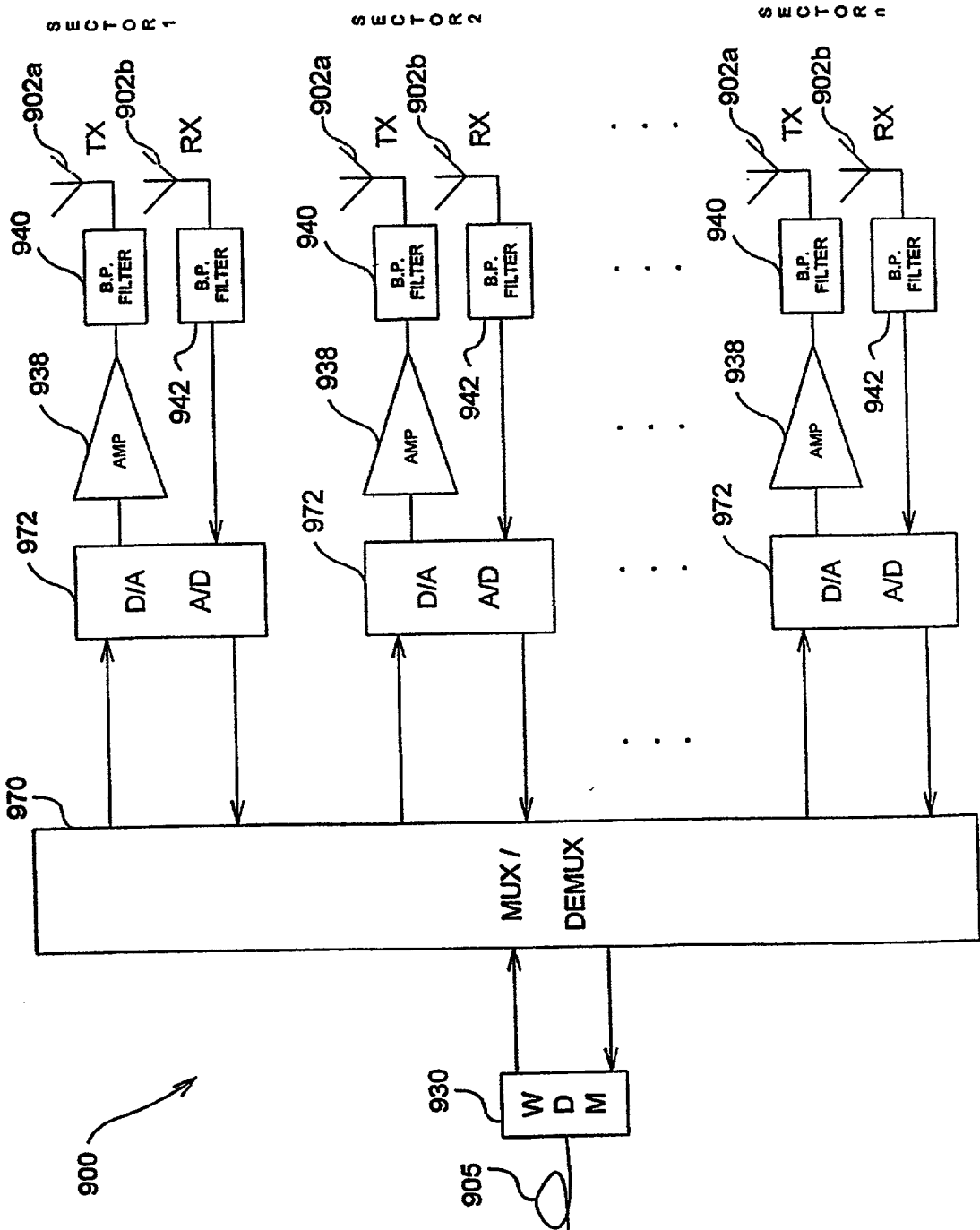


FIG. 47